

# **SAFETY DATA SHEET**

Toner Powder (Cartridge) for

C532 Series C650 Series C813/C823/C833/C843/C844 Series MC573 Series ES5473/ES8433/ES8434/ES6450



## SAFETY DATA SHEET

### 1. Identification of the substance or mixture and of the supplier

GHS Product identifier : Black toner powder (cartridge) for

C532 Series C650 Series

C813/C823/C833/C843/C844 Series

MC573 Series

ES5473/ES8433/ES8434/ES6450 (Toner powder name: ODK-11-TH)

Recommended use of the chemical and restrictions on use

Recommended use : Not available

Recommended restrictions : Not known

Manufacturer : Oki Electric Industry Co., Ltd.

1-7-12 Toranomon, Minato-ku, Tokyo, 105-8460, Japan

Tel: 03-3501-3111

Supplier Australia : Oki Data (Australia) Pty Ltd.

Level 1, 67 Epping Road, Macquarie Park NSW 2113 Australia

Tel: 1800 800 140

E-mail: aus-support@oki.com

New Zealand : Oki Data New Zealand

PO Box 303063 North Harbour 0751 New Zealand

Ph 0800 654 669

E-mail: aus-support@oki.com

Singapore : Oki Data (Singapore) Pte Ltd.

351 Braddell Road #03-01A, 351 On Braddell, Singapore 579713

Tel: +65 6221 3722

E-mail: odsp-sales@oki.com

Date of Issue: 26 April 2023 Version 1.0 Page 1 of 59



## SAFETY DATA SHEET

### 2. Hazard(s) identification

GHS classification of substance or mixture, and national or regional information

: Not classified

**GHS** label elements

Hazard Symbol : No symbol

Signal Word : No signal word

Hazard Statement : Not applicable

**Precautionary Statements** 

**Prevention**: Wash thoroughly after handling.

If needed, use personal protective equipment as required.

**Response** : IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

Storage : Protect from sun. Store in a well-ventilated room(under 40°C).

Disposal : -

Other hazards which do not result in GHS classification

: None

### 3. Composition/information on ingredients

### **Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Tin oxide	-	21651-19-4	0.01 - 0.1%

Date of Issue: 26 April 2023 Version 1.0 Page 2 of 59



## SAFETY DATA SHEET

#### 4. First-aid measures

#### Description of first aid measures

**Inhalation** : Remove person to fresh air and keep comfortable for breathing.

**Skin Contact** : Gently wash with plenty of soap and water.

**Eye contact** : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

**Ingestion** : Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Personal Protection for First-aid Responders

No data available.

Most important symptoms and effects, both acute and delayed

Symptoms : No data available.

Hazards : No data available.

Indication of immediate medical attention and special treatment needed

**Treatment**: Get medical attention if symptoms occur.

### 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray, powder

Unsuitable extinguishing

media

No data available.

Special hazards arising from

the substance or mixture

May produce irritating or toxic gases in a fire.

### Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures : Keep away from sources of ignition and use appropriate extinguishing

media. Fight fire from upwind position if possible.

Product itself is non-combustible.

Special protective equipment

for fire-fighters

Use goggles in combination with dust mask, and other protections as

appropriate to situation.

Date of Issue: 26 April 2023 Version 1.0 Page 3 of 59



## SAFETY DATA SHEET

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use goggles and protective gloves.
 Large spills : Remove person to safety.
 Ensure adequate ventilation. Keep upwind.

Accidental release measures : No data available.

Methods and material for containment and cleaning up

Prevent dispersion of dust.

Sweep or vacuum by dust-explosion-proof type cleaner.

**Environmental Precautions**: Do not discharge into the drains, surface waters or ground water directly.

### 7. Handling and storage

Handling

**Technical measures** : Facilities storing or utilizing this material should be equipped with

an eyewash facility and a safety shower.

Local/Total ventilation : Use local exhaust ventilation, in case of generation of dust.

**Safe handling advice** : Avoid inhalation of fine dust . Use an adequate ventilation.

Wash thoroughly after handling. If needed, use personal protective

equipment as required. Prevent generation of dust. This material may cause risk of dust explosion.

Contact avoidance measures : No data available.

Storage

Safe storage conditions : Keep container tightly closed. Protect from sun.

Store in a well-ventilated room (under 40°C).

Safe packaging materials : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 4 of 59



## SAFETY DATA SHEET

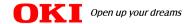
### 8. Exposure controls/personal protection

### **Control Parameters**

### **Occupational Exposure Limits**

Chemical Identity	Туре	Exposure Limit Val	ues	Source
Carbon black	TWA	3 m	g/m³	Australia. National Workplace OELs (Workplace
				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2011)
Wax - Fume	TWA	2 m	g/m³	Australia. National Workplace OELs (Workplace
				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2011)
Silica	TWA	2 m	g/m³	Australia. National Workplace OELs (Workplace
- Respirable dust				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2019)
Silica	TWA	2 m	g/m³	Australia. National Workplace OELs (Workplace
				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2019)
Silica	TWA	10 m	g/m³	Australia. National Workplace OELs (Workplace
- Inhalable dust				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2019)
Tin oxide - as Sn	TWA	2 m	g/m³	Australia. National Workplace OELs (Workplace
				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2011)
Formaldehyde	STEL	2 ppm 2.5 m	g/m³	Australia. National Workplace OELs (Workplace
				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2019)
Formaldehyde	TWA	1 ppm 1.2 m	g/m³	Australia. National Workplace OELs (Workplace
				Exposure Standards for Airborne Contaminants,
				Appendix A), as amended (12 2019)
Carbon black	TWA	3 m	g/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable fraction				(12 2010)
Carbon black	TWA	2 m	g/m³	US. ACGIH Threshold Limit Values, as amended
- Fume				(2008)
Carbon black	TWA	3 m	g/m³	US. ACGIH Threshold Limit Values, as amended
- Respirable particles				(01 2021)
Carbon black	TWA	10 m	g/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable particles				(01 2021)

Date of Issue: 26 April 2023 Version 1.0 Page 5 of 59



## SAFETY DATA SHEET

Tin oxide	TWA	2 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
- Inhalable fraction			(03 2019)
- as Sn			
Formaldehyde	STEL	0.3 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)
Formaldehyde	TWA	0.1 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)

**Appropriate Engineering** 

Controls

: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use local exhaust ventilation, in

case of generation of dust.

Facilities storing or utilizing this material should be equipped with an

eyewash facility and a safety shower.

Use an adequate ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses with side shield (Safety goggles or Face shield)

**Hand Protection** Material: Rubber gloves

Other Full-body suit

**Respiratory Protection** Use dust mask, as appropriate to situation.

Hygiene measures No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 6 of 59



## SAFETY DATA SHEET

### 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance** 

Physical state : Solid

Form : Powder

Color : Black

Odor : Odorless

Odor Threshold : No data available.

Melting Point : No data available.

**Boiling Point** : No data available.

Flammability : No data available.

Upper/lower limit on flammability or explosive limits

**Explosive limit - upper** : No data available.

**Explosive limit - lower** : No data available.

Flash Point : Not detected

**Self Ignition Temperature** : No data available.

**Decomposition Temperature** : No data available.

pH : Not applicable

Viscosity

Dynamic viscosity: No data available.Kinematic viscosity: No data available.

Flow Time : No data available.

Solubility(ies)

Solubility in Water : Insoluble in water

**Solubility (other)** : Partially soluble in toluene, chloroform and tetrahydrofurane

Partition coefficient

(n-octanol/water)

: No data available.

Vapor pressure : No data available.

Relative density : No data available.

Density : 1.2 g/ml (68°F/20°C)

Vapor density (air=1) : No data available.

Particle characteristics

Particle Size : No data available.

Particle Size Distribution : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 7 of 59



## SAFETY DATA SHEET

### 10. Stability and reactivity

**Reactivity** : No data available.

Chemical Stability : Stable in general.

Possibility of hazardous

reactions

No data available.

Conditions to avoid : No data available.

Incompatible Materials : No data available.

**Hazardous Decomposition** 

**Products** 

: No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 8 of 59



## SAFETY DATA SHEET

### 11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product : LD 50 (Rat): > 2,000 mg/kg Not classified

Not classified based on available data.

**Dermal** 

**Product** : Classification not possible due to insufficient data.

Inhalation

Product : LC 50 (Rat, 4 h) > 5.07 mg/l Dusts, mists and fumes

Dusts, mists and fumes: Not classified based on available data. Vapour: Classification not possible due to insufficient data.

Skin Corrosion/Irritation

Product : OECD TG404 Rabbit, 4 h: Non irritant undiluted

Not classified based on available data.

Serious Eye Damage/Eye Irritation

**Product** : OECD TG405, Rabbit, Not classified, undiluted,

Not classified based on available data.

Respiratory or Skin Sensitization

Product : Skin sensitization, LLNA Skin: (Mouse): Negative

Skin: Not classified based on available data.

Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

**Product** : Classification not possible due to insufficient data.

IARC : No carcinogens present or none present in regulated quantities.

**Germ Cell Mutagenicity** 

In vitro

Product : Ames test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative

Classification not possible due to insufficient data.

In vivo

**Product** : Classification not possible due to insufficient data.

Reproductive toxicity

**Product** : Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Single Exposure** 

Product : Classification not possible due to insufficient data.

Components

Tin oxide : Category 1: respiratory tract, Kidney: (88)

**Specific Target Organ Toxicity - Repeated Exposure** 

**Product** : Classification not possible due to insufficient data.

Components

Tin oxide : Category 1: systemic toxicity: (88)

**Aspiration Hazard** 

Product : No data available.

Other effects : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 9 of 59



## SAFETY DATA SHEET

### 12. Ecological information

**Ecotoxicity** 

Acute hazards to the aquatic

environment

Fish

**Product** Classification not possible due to insufficient data.

**Aquatic Invertebrates** 

**Product** Classification not possible due to insufficient data.

**Toxicity to Aquatic Plants** 

**Product** No data available.

Chronic hazards to the aquatic environment

Fish

**Product** Classification not possible due to insufficient data.

**Aquatic Invertebrates** 

**Product** Classification not possible due to insufficient data.

**Toxicity to Aquatic Plants** 

**Product** : No data available.

Persistence and Degradability

Biodegradation

**Product** No data available.

**BOD/COD Ratio** 

: No data available. **Product** 

Bioaccumulative potential

**Bioconcentration Factor (BCF)** 

**Product** No data available.

Partition Coefficient n-octanol / water (log Kow)

**Product** No data available.

Mobility in soil No data available.

Other adverse effects : No data available.

Version 1.0 Date of Issue: 26 April 2023 Page 10 of 59



## SAFETY DATA SHEET

### 13. Disposal considerations

Disposal methods : Review "HANDLING AND STORAGE (Section 7)".

Passed to a licensed waste contractor.

This product may cause risk of dust explosion.

**Contaminated Packaging** : No data available.

### 14. Transport information

**IATA** 

Not Regulated

**IMDG** 

Not Regulated

**Hazchem Code** : No data available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

**National Regulations** 

**Domestic Standard** : In compliance with domestic law.

Date of Issue: 26 April 2023 Version 1.0 Page 11 of 59



Threshold Category: 2B

## SAFETY DATA SHEET

### 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poisons Schedule Number

**Product** Poisons schedule number not allocated.

**Notifiable Carcinogenic Substances** 

Not Regulated

**Prohibited Carcinogenic Substances** 

Not Regulated

National Pollutant Inventory (NPI) substance reporting list

Carbon black Category threshold (quantity of fuel or waste burned by Threshold Category: 2A Threshold Category: 2B

facility):400tonnes/yr

Category threshold (quantity of fuel or waste burned by

facility):2000tonnes/yr

Silica Category threshold (quantity of fuel or waste burned by Threshold Category: 2A

facility):400tonnes/yr

Category threshold (quantity of fuel or waste burned by

facility):2000tonnes/yr

Formaldehyde Threshold quantity:10tonnes/yr Threshold Category: 1

Prohibited Substances (National Model Regulations for the Control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994))

Not Regulated

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not Regulated

Importation of Ozone Depleting Substances (Customs (Prohibited Imports) Regulations 1956, Schedule 10)

Not Regulated

High Volume Industrial Chemicals (HVIC)

Carbon black Threshold quantity: 10000 - 99999 tonnes Wax Threshold quantity: 1000 - 9999 tonnes Silica Threshold quantity: 10000 - 99999 tonnes Formaldehyde Threshold quantity: 10000 - 99999 tonnes

Version 1.0 Page 12 of 59 Date of Issue: 26 April 2023



## SAFETY DATA SHEET

Inventory Status :

**US TSCA Inventory** : On or in compliance with the inventory

Canada DSL Inventory List : Not in compliance with the inventory

Australia AICS : On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECI) : Not in compliance with the inventory

Japan (ENCS) List : On or in compliance with the inventory

Japan ISHL Listing : On or in compliance with the inventory

Philippines PICCS : Not in compliance with the inventory

China Inv. Existing Chemical Substances : Not in compliance with the inventory

REACH (EU) : Contact us for information

Taiwan Chemical Substance Inventory : On or in compliance with the inventory

Date of Issue: 26 April 2023 Version 1.0 Page 13 of 59



## SAFETY DATA SHEET

#### 16. Other Information

Further Information : No data available.

**References** : No data available.

Disclaimer : To the best of the manufacturer's knowledge, the information contained

herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability(including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or

completeness of the information contained herein.

Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore. All materials may present unknown

hazards and should be used with appropriate caution.

The manufacturer cannot and does not guarantee that the hazards

described herein are the only ones that exist.

In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail

information.

Reference : (88): ECHA-REACH Registered Substances Database

Date of Issue: 26 April 2023 Version 1.0 Page 14 of 59



## SAFETY DATA SHEET

### 1. Identification of the substance or mixture and of the supplier

GHS Product identifier : Yellow toner powder (cartridge) for

C532 Series C650 Series

C813/C823/C833/C843/C844 Series

MC573 Series

ES5473/ES8433/ES8434/ES6450 (Toner powder name: ODY-11-NH)

Recommended use of the chemical and restrictions on use

Recommended use : Not available

Recommended restrictions : Not known

Manufacturer : Oki Electric Industry Co., Ltd.

1-7-12 Toranomon, Minato-ku, Tokyo, 105-8460, Japan

Tel: 03-3501-3111

Supplier Australia : Oki Data (Australia) Pty Ltd.

Level 1, 67 Epping Road, Macquarie Park NSW 2113 Australia

Tel: 1800 800 140

E-mail: aus-support@oki.com

New Zealand : Oki Data New Zealand

PO Box 303063 North Harbour 0751 New Zealand

Ph 0800 654 669

E-mail: aus-support@oki.com

Singapore : Oki Data (Singapore) Pte Ltd.

351 Braddell Road #03-01A, 351 On Braddell, Singapore 579713

Tel: +65 6221 3722

E-mail: odsp-sales@oki.com

Date of Issue: 26 April 2023 Version 1.0 Page 15 of 59



## SAFETY DATA SHEET

### 2. Hazard(s) identification

#### GHS classification of substance or mixture, and national or regional information

**Environmental Hazards** 

Chronic hazards to

the aquatic environment

Category 3

**GHS** label elements

Hazard Symbol : No symbol

Signal Word : No signal word

**Hazard Statement** : Harmful to aquatic life with long lasting effects.

**Precautionary Statements** 

**Prevention**: Avoid release to the environment.

**Response:** : IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

Storage : Protect from sun. Store in a well-ventilated room(under 40°C).

**Disposal** : Passed to a licensed waste contractor.

Other hazards which do not result in GHS classification

None

### 3. Composition/information on ingredients

#### **Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Zinc alkyl salicylate	-	Trade Secret	
Tin oxide	-	21651-19-4	0.01 - 0.1%

Date of Issue: 26 April 2023 Version 1.0 Page 16 of 59



### SAFETY DATA SHEET

#### 4. First-aid measures

### **Description of first aid measures**

**Inhalation** : Remove person to fresh air and keep comfortable for breathing.

**Skin Contact** : Gently wash with plenty of soap and water.

**Eye contact** : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion : Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Personal Protection for First-aid Responders

No data available.

Most important symptoms and effects, both acute and delayed

Symptoms : No data available.

Hazards : No data available.

Indication of immediate medical attention and special treatment needed

**Treatment**: Get medical attention if symptoms occur.

### 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray, powder

Unsuitable extinguishing

media

No data available.

Special hazards arising from

the substance or mixture

May produce irritating or toxic gases in a fire.

### Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures : Keep away from sources of ignition and use appropriate extinguishing

media. Fight fire from upwind position if possible. Product itself is non-combustible. Do not flow the materials causing adverse effects into the

environment with effluent fire extinguishing agents.

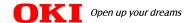
Special protective equipment

for fire-fighters

Use goggles in combination with dust mask, and other protections as

appropriate to situation.

Date of Issue: 26 April 2023 Version 1.0 Page 17 of 59



## SAFETY DATA SHEET

#### 6. Accidental release measures

Personal precautions, protective equipment

Use goggles and protective gloves.

Large spills: Remove person to safety. Ensure adequate ventilation.

Keep upwind.

Accidental release measures

and emergency procedures

No data available.

Methods and material for

Prevent dispersion of dust.

containment and cleaning up

Sweep or vacuum by dust-explosion-proof type cleaner.

**Environmental Precautions** Avoid release to the environment.

### 7. Handling and storage

Handling

**Technical measures** Facilities storing or utilizing this material should be equipped with

an eyewash facility and a safety shower.

Use local exhaust ventilation, in case of generation of dust. **Local/Total ventilation** 

Safe handling advice Use an adequate ventilation. Wash thoroughly after handling.

Use personal protective equipment as required.

Prevent generation of dust.

This material may cause risk of dust explosion.

**Contact avoidance measures** 

No data available.

**Storage** 

Keep container tightly closed. Protect from sun. Safe storage conditions

Store in a well-ventilated room (under 40°C).

Safe packaging materials No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 18 of 59



# SAFETY DATA SHEET

### 8. Exposure controls/personal protection

### **Control Parameters**

### **Occupational Exposure Limits**

Chemical Identity	Туре	Exposure Limit Values	Source
Wax - Fume	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
- Respirable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	10 mg/m³	Australia. National Workplace OELs (Workplace
- Inhalable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Tin oxide - as Sn	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Formaldehyde	STEL	2 ppm 2.5 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Formaldehyde	TWA	1 ppm 1.2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Wax	TWA	2 mg/m³	US. ACGIH Threshold Limit Values, as amended
			(2008)
Silica	TWA	3 mg/m³	US. ACGIH Threshold Limit Values, as amended
			(01 2021)
Silica	TWA	10 mg/m³	US. ACGIH Threshold Limit Values, as amended
			(01 2021)
Tin oxide	TWA	2 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable fraction			(03 2019)
- as Sn			
Formaldehyde	STEL	0.3 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)

Date of Issue: 26 April 2023 Version 1.0 Page 19 of 59



## SAFETY DATA SHEET

Formaldehyde	TWA	0.1 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)

Appropriate Engineering

Controls

: Facilities storing or utilizing this material should be equipped with an

eyewash facility and a safety shower.

Use local exhaust ventilation, in case of generation of dust.

Facilities storing or utilizing this material should be equipped with an

eyewash facility and a safety shower.

Use an adequate ventilation.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** : Safety glasses with side shield (Safety goggles or Face shield)

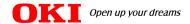
**Hand Protection** : Material: Rubber gloves

Other : Full-body suit

**Respiratory Protection** : Use dust mask, as appropriate to situation.

Hygiene measures : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 20 of 59



## SAFETY DATA SHEET

### 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance** 

**Physical state** Solid

**Form** Powder Color Yellow

Odor Odorless

**Odor Threshold** No data available. **Melting Point** No data available. **Boiling Point** No data available. **Flammability** No data available.

Upper/lower limit on flammability or explosive limits

**Explosive limit - upper** No data available.

**Explosive limit - lower** No data available.

**Flash Point** Not detected

: No data available. **Self Ignition Temperature** 

**Decomposition Temperature** No data available.

рΗ Not applicable

**Viscosity** 

**Dynamic viscosity** No data available. Kinematic viscosity No data available. **Flow Time** No data available.

Solubility(ies)

Solubility in Water Insoluble in water

Solubility (other) Partially soluble in toluene, chloroform and tetrahydrofurane

Partition coefficient

(n-octanol/water)

No data available.

Vapor pressure No data available. Relative density No data available.

**Density** 1.2 g/ml (68°F/20°C) Vapor density (air=1) No data available.

**Particle characteristics** 

**Particle Size** No data available. **Particle Size Distribution** No data available.

Version 1.0 Date of Issue: 26 April 2023 Page 21 of 59



## SAFETY DATA SHEET

### 10. Stability and reactivity

**Reactivity** : No data available.

Chemical Stability : Stable in general.

Possibility of hazardous

reactions

No data available.

Conditions to avoid : No data available.

**Incompatible Materials** : No data available.

**Hazardous Decomposition** 

**Products** 

No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 22 of 59



## SAFETY DATA SHEET

### 11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product : LD 50 (Rat): > 2,000 mg/kg Not classified

Not classified based on available data.

Dermal

**Product** : Classification not possible due to insufficient data.

Inhalation

Product : LC 50 (Rat, 4 h) > 5.07 mg/l Dusts, mists and fumes

Dusts, mists and fumes: Not classified based on available data. Vapour: Classification not possible due to insufficient data.

Skin Corrosion/Irritation

Product : OECD TG404 Rabbit, 4 h: Non irritant undiluted

Not classified based on available data.

Serious Eye Damage/Eye Irritation

Product : OECD TG405, Rabbit, Non irritant, undiluted

Not classified based on available data.

Respiratory or Skin Sensitization

Product : Skin sensitization, LLNA Skin: (Mouse): Negative

Skin: Not classified based on available data.

Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

**Product** : Classification not possible due to insufficient data.

IARC : No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity** 

In vitro

Product : Ames test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative

Classification not possible due to insufficient data.

In vivo

**Product** : Classification not possible due to insufficient data.

Reproductive toxicity

**Product** : Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Single Exposure** 

**Product** : Classification not possible due to insufficient data.

Components

Tin oxide : Category 1: respiratory tract, Kidney: (88)

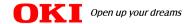
**Specific Target Organ Toxicity - Repeated Exposure** 

**Product** : Classification not possible due to insufficient data.

Components

Tin oxide : Category 1: systemic toxicity: (88)

Date of Issue: 26 April 2023 Version 1.0 Page 23 of 59



## SAFETY DATA SHEET

**Aspiration Hazard** 

Product : No data available.

Other effects : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 24 of 59



## SAFETY DATA SHEET

### 12. Ecological information

**Ecotoxicity** 

Acute hazards to the aquatic

environment

Fish

Fish

**Product** Not classified based on available data.

**Aquatic Invertebrates** 

**Product** EC 50 (Daphnia, 48 h): > 100 mg/l (Data on similar product)

Not classified based on available data.

**Toxicity to Aquatic Plants** 

**Product** No data available.

Components

Zinc alkyl salicylate Category 1: (87)

Chronic hazards to the aquatic environment

**Product** No data available.

**Aquatic Invertebrates** 

**Product** No data available.

**Toxicity to Aquatic Plants** 

**Product** No data available.

Components

Zinc alkyl salicylate Category 1: (87)

Persistence and Degradability

Biodegradation

**Product** No data available.

**BOD/COD Ratio** 

**Product** No data available.

Bioaccumulative potential

**Bioconcentration Factor (BCF)** 

**Product** No data available.

Partition Coefficient n-octanol / water (log Kow)

**Product** No data available.

Mobility in soil No data available.

Other adverse effects : No data available.

Version 1.0 Date of Issue: 26 April 2023 Page 25 of 59



## SAFETY DATA SHEET

### 13. Disposal considerations

Disposal methods : Review "HANDLING AND STORAGE (Section 7)".

Passed to a licensed waste contractor.

This product may cause risk of dust explosion.

**Contaminated Packaging** : No data available.

### 14. Transport information

**IATA** 

Not Regulated

**IMDG** 

Not Regulated

Hazchem Code : No data available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

**National Regulations** 

Domestic Standard : In compliance with domestic law.

Date of Issue: 26 April 2023 Version 1.0 Page 26 of 59



## SAFETY DATA SHEET

SDS No.: TNR-C0016 (for AOS)

Threshold Category: 2B

### 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poisons Schedule Number

**Product** Poisons schedule number not allocated.

**Notifiable Carcinogenic Substances** 

Not Regulated

**Prohibited Carcinogenic Substances** 

Not Regulated

National Pollutant Inventory (NPI) substance reporting list

Silica Category threshold (quantity of fuel or waste burned by Threshold Category: 2A

facility):400tonnes/yr

Category threshold (quantity of fuel or waste burned by

facility):2000tonnes/yr

Threshold quantity:10tonnes/yr Zinc alkyl salicylate Threshold Category: 1

Formaldehyde Threshold quantity:10tonnes/yr Threshold Category: 1

Prohibited Substances (National Model Regulations for the Control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994))

Not Regulated

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not Regulated

Importation of Ozone Depleting Substances (Customs (Prohibited Imports) Regulations 1956, Schedule 10)

Not Regulated

**High Volume Industrial Chemicals (HVIC)** 

Wax Threshold quantity: 1000 - 9999 tonnes

Silica Threshold quantity: 10000 - 99999 tonnes

Formaldehyde Threshold quantity: 10000 - 99999 tonnes

Date of Issue: 26 April 2023 Version 1.0 Page 27 of 59



## SAFETY DATA SHEET

Inventory Status :

US TSCA Inventory : On or in compliance with the inventory

Canada DSL Inventory List : Not in compliance with the inventory

Australia AICS : On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECI) : Not in compliance with the inventory

Japan (ENCS) List : On or in compliance with the inventory

Japan ISHL Listing : On or in compliance with the inventory

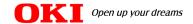
Philippines PICCS : Not in compliance with the inventory

China Inv. Existing Chemical Substances : Not in compliance with the inventory

REACH (EU) : Contact us for information

Taiwan Chemical Substance Inventory : On or in compliance with the inventory

Date of Issue: 26 April 2023 Version 1.0 Page 28 of 59



## SAFETY DATA SHEET

#### 16. Other Information

Further Information : No data available.

References : No data available.

**Disclaimer** : To the best of the manufacturer's knowledge, the information contained

herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability(including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or

completeness of the information contained herein.

Such information may be (without limitation) invalid if the specified material is used in combination with another ,in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all

risk and responsibility therefore.

All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee

that the hazards described herein are the only ones that exist.

In the case of the product for fragrance, it's in accordance with the latest standard of IFRA within ordinary use. Contact with the supplier for detail

information.

Reference : (87): EU CLP Regulation Annex VI

(88): ECHA-REACH Registered Substances Database

Date of Issue: 26 April 2023 Version 1.0 Page 29 of 59



## SAFETY DATA SHEET

### 1. Identification of the substance or mixture and of the supplier

GHS Product identifier : Magenta toner powder (cartridge) for

C532 Series C650 Series

C813/C823/C833/C843/C844 Series

MC573 Series

ES5473/ES8433/ES8434/ES6450 (Toner powder name: ODM-11-FH)

Recommended use of the chemical and restrictions on use

Recommended use : Not available.

**Recommended restrictions** 

Manufacturer : Oki Electric Industry Co., Ltd.

1-7-12 Toranomon, Minato-ku, Tokyo, 105-8460, Japan

Tel: 03-3501-3111

Not known.

Supplier Australia : Oki Data (Australia) Pty Ltd.

Level 1, 67 Epping Road, Macquarie Park NSW 2113 Australia

Tel: 1800 800 140

E-mail: aus-support@oki.com

New Zealand : Oki Data New Zealand

PO Box 303063 North Harbour 0751 New Zealand

Ph 0800 654 669

E-mail: aus-support@oki.com

Singapore : Oki Data (Singapore) Pte Ltd.

351 Braddell Road #03-01A, 351 On Braddell, Singapore 579713

Tel: +65 6221 3722

E-mail: odsp-sales@oki.com

Date of Issue: 26 April 2023 Version 1.0 Page 30 of 59



## SAFETY DATA SHEET

### 2. Hazard(s) identification

#### GHS classification of substance or mixture, and national or regional information

**Environmental Hazards** 

Chronic hazards to the aquatic environment

Category 3

**GHS** label elements

Hazard Symbol : No symbol

Signal Word : No signal word

**Hazard Statement** : Harmful to aquatic life with long lasting effects.

**Precautionary Statements** 

**Prevention**: Avoid release to the environment.

**Response:** : IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

Storage : Protect from sun. Store in a well-ventilated room(under 40℃).

Disposal : Passed to a licensed waste contractor.

Other hazards which do not result in GHS classification

None

### 3. Composition/information on ingredients

#### **Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Zinc alkyl salicylate	-	Trade Secret	
Tin oxide	-	21651-19-4	0.01 - 0.1%

Date of Issue: 26 April 2023 Version 1.0 Page 31 of 59



### SAFETY DATA SHEET

#### 4. First-aid measures

### **Description of first aid measures**

**Inhalation** : Remove person to fresh air and keep comfortable for breathing.

**Skin Contact** : Gently wash with plenty of soap and water.

**Eye contact** : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion : Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Personal Protection for First-aid Responders

No data available.

Most important symptoms and effects, both acute and delayed

Symptoms : No data available.

Hazards : No data available.

Indication of immediate medical attention and special treatment needed

**Treatment**: Get medical attention if symptoms occur.

### 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray, powder

Unsuitable extinguishing

media

: No data available.

Special hazards arising from

the substance or mixture

May produce irritating or toxic gases in a fire.

### Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures : Keep away from sources of ignition and use appropriate extinguishing

media. Fight fire from upwind position if possible.

Product itself is non-combustible.

Do not flow the materials causing adverse effects into the environment

with effluent fire extinguishing agents.

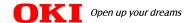
Special protective equipment

for fire-fighters

Use goggles in combination with dust mask, and other protections as

appropriate to situation.

Date of Issue: 26 April 2023 Version 1.0 Page 32 of 59



## SAFETY DATA SHEET

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use goggles and protective gloves.
 Large spills : Remove person to safety.
 Ensure adequate ventilation. Keep upwind.

Accidental release measures : No data available.

Methods and material for containment and cleaning up

Prevent dispersion of dust.

Sweep or vacuum by dust-explosion-proof type cleaner.

**Environmental Precautions** : Avoid release to the environment.

### 7. Handling and storage

Handling

**Technical measures** : Facilities storing or utilizing this material should be equipped with

an eyewash facility and a safety shower.

Local/Total ventilation : Use local exhaust ventilation, in case of generation of dust.

Safe handling advice : Avoid inhalation of fine dust . Use an adequate ventilation.

Wash thoroughly after handling. Use personal protective equipment as

required. Prevent generation of dust.

This material may cause risk of dust explosion.

Contact avoidance measures : No data available.

Storage

**Safe storage conditions** : Keep container tightly closed. Protect from sun.

Store in a well-ventilated room (under 40°C).

Safe packaging materials : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 33 of 59



# SAFETY DATA SHEET

### 8. Exposure controls/personal protection

### **Control Parameters**

### **Occupational Exposure Limits**

Chemical Identity	Туре	Exposure Limit Values	Source
Wax - Fume	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
- Respirable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	10 mg/m³	Australia. National Workplace OELs (Workplace
- Inhalable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Tin oxide - as Sn	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Carbonic acid	TWA	10 mg/m³	Australia. National Workplace OELs (Workplace
calcium salt			Exposure Standards for Airborne Contaminants,
- Inhalable dust			Appendix A), as amended (12 2011)
Formaldehyde	STEL	2 ppm 2.5 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Formaldehyde	TWA	1 ppm 1.2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Wax	TWA	2 mg/m³	US. ACGIH Threshold Limit Values, as amended
			(2008)
Silica	TWA	3 mg/m³	US. ACGIH Threshold Limit Values, as amended
			(01 2021)
Silica	TWA	10 mg/m³	US. ACGIH Threshold Limit Values, as amended
			(01 2021)
Tin oxide	TWA	2 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable fraction			(03 2019)
- as Sn			

Date of Issue: 26 April 2023 Version 1.0 Page 34 of 59



## SAFETY DATA SHEET

Carbonic acid	TWA	10 mg/m³	US. ACGIH Threshold Limit Values, as amended
calcium salt			(01 2021)
- Inhalable particles			
Carbonic acid	TWA	3 mg/m³	US. ACGIH Threshold Limit Values, as amended
calcium salt			(01 2021)
- Respirable particles			
Formaldehyde	STEL	0.3 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)
Formaldehyde	TWA	0.1 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)

Appropriate Engineering Controls

Facilities storing or utilizing this material should be equipped with an

eyewash facility and a safety shower.

Use local exhaust ventilation, in case of generation of dust.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** : Safety glasses with side shield (Safety goggles or Face shield)

**Hand Protection** : Material: Rubber gloves

Other : Full-body suit

**Respiratory Protection**: Use dust mask, as appropriate to situation.

**Hygiene measures** : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 35 of 59



# SAFETY DATA SHEET

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

**Appearance** 

Physical state : Solid

Form : Powder

Color : Dark red/magenta

Odor : Odorless

Odor Threshold : No data available.

Melting Point : No data available.

Boiling Point : No data available.

Flammability : No data available.

Upper/lower limit on flammability or explosive limits

**Explosive limit - upper** : No data available.

**Explosive limit - lower** : No data available.

Flash Point : Not detected

**Self Ignition Temperature** : No data available.

**Decomposition Temperature** : No data available.

pH : Not applicable

Viscosity

Dynamic viscosity : No data available.

Kinematic viscosity : No data available.

Flow Time : No data available.

Solubility(ies)

Solubility in Water : Insoluble in water

**Solubility (other)** : Partially soluble in toluene, chloroform and tetrahydrofurane

Partition coefficient

(n-octanol/water)

: No data available.

Vapor pressure : No data available.

Relative density : No data available.

Density : 1.2 g/ml (68°F/20°C)

Vapor density (air=1) : No data available.

Particle characteristics

Particle Size : No data available.

Particle Size Distribution : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 36 of 59



# SAFETY DATA SHEET

### 10. Stability and reactivity

**Reactivity** : No data available.

Chemical Stability : Stable in general.

Possibility of hazardous

reactions

No data available.

Conditions to avoid : No data available.

**Incompatible Materials** : No data available.

**Hazardous Decomposition** 

**Products** 

No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 37 of 59



# SAFETY DATA SHEET

### 11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

**Product** : LD 50 (Rat): > 2,000 mg/kg Not classified

Not classified based on available data.

Dermal

**Product** : Classification not possible due to insufficient data.

Inhalation

**Product** : LC 50 (Rat, 4 h) > 5.09 mg/l Dusts, mists and fumes

> Dusts, mists and fumes: Not classified based on available data. Vapour: Classification not possible due to insufficient data.

SDS No.: TNR-C0016 (for AOS)

Skin Corrosion/Irritation

**Product** OECD TG404 Rabbit, 4 h: Non irritant undiluted

Not classified based on available data.

Serious Eye Damage/Eye Irritation

**Product** OECD TG405, Rabbit, Non irritant, undiluted

Not classified based on available data.

Respiratory or Skin Sensitization

**Product** Skin sensitization, LLNA Skin: (Mouse): Negative

Skin: Not classified based on available data.

Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

**Product** Classification not possible due to insufficient data.

**IARC** No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity** 

In vitro

Product Ames test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative

Classification not possible due to insufficient data.

In vivo

**Product** Classification not possible due to insufficient data.

Reproductive toxicity

**Product** : Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Single Exposure** 

**Product** Classification not possible due to insufficient data.

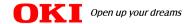
Components

Tin oxide Category 1: respiratory tract, Kidney: (88)

**Specific Target Organ Toxicity - Repeated Exposure** 

**Product** Classification not possible due to insufficient data.

Date of Issue: 26 April 2023 Version 1.0 Page 38 of 59



# SAFETY DATA SHEET

Components

Tin oxide : Category 1: systemic toxicity: (88)

**Aspiration Hazard** 

**Product** : No data available.

Other effects : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 39 of 59



# SAFETY DATA SHEET

#### 12. Ecological information

Ecotoxicity

Acute hazards to the aquatic

environment

Fish

**Product** : Not classified based on available data.

**Aquatic Invertebrates** 

Product : EC 50 (Daphnia, 48 h): > 100 mg/l (Data on similar product)

Not classified based on available data.

**Toxicity to Aquatic Plants** 

**Product** : No data available.

Components :

Zinc alkyl salicylate Category 1: (87)

Chronic hazards to the aquatic environment

Fish

**Product** : No data available.

**Aquatic Invertebrates** 

**Product** : No data available.

**Toxicity to Aquatic Plants** 

**Product** : No data available.

Components :

Zinc alkyl salicylate Category 1: (87)

Persistence and Degradability

Biodegradation

**Product** : No data available.

**BOD/COD Ratio** 

**Product** : No data available.

Bioaccumulative potential

**Bioconcentration Factor (BCF)** 

**Product** : No data available.

Partition Coefficient n-octanol / water (log Kow)

**Product** : No data available.

Mobility in soil : No data available.

Other adverse effects : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 40 of 59



# SAFETY DATA SHEET

#### 13. Disposal considerations

Disposal methods : Review "HANDLING AND STORAGE (Section 7)".

Passed to a licensed waste contractor.

This product may cause risk of dust explosion.

**Contaminated Packaging** : No data available.

### 14. Transport information

**IATA** 

Not Regulated

**IMDG** 

Not Regulated

**Hazchem Code** : No data available.

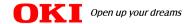
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied

**National Regulations** 

Domestic Standard : In compliance with domestic law.

Date of Issue: 26 April 2023 Version 1.0 Page 41 of 59



# SAFETY DATA SHEET

#### 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poisons Schedule Number

**Product** Poisons schedule number not allocated.

Notifiable Carcinogenic Substances

Not Regulated

**Prohibited Carcinogenic Substances** 

Not Regulated

National Pollutant Inventory (NPI) substance reporting list

Silica Threshold Category: 2A Category threshold (quantity of fuel or waste burned by

> Threshold Category: 2B facility):400tonnes/yr

Category threshold (quantity of fuel or waste burned by

facility):2000tonnes/yr

Zinc alkyl salicylate Threshold quantity:10tonnes/yr Threshold Category: 1

Carbonic acid Category threshold (quantity of fuel or waste burned by Threshold Category: 2B

calcium salt facility):2000tonnes/yr Threshold Category: 2A

Category threshold (quantity of fuel or waste burned by facility):400tonnes/yr

Formaldehyde Threshold quantity:10tonnes/yr Threshold Category: 1

Prohibited Substances (National Model Regulations for the Control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994))

Not Regulated

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not Regulated

Importation of Ozone Depleting Substances (Customs (Prohibited Imports) Regulations 1956, Schedule 10)

Not Regulated

High Volume Industrial Chemicals (HVIC)

Wax Threshold quantity: 1000 - 9999 tonnes

Silica Threshold quantity: 10000 - 99999 tonnes

C.I. Pigment Red 57:1/C.I.15850:1 / Red 7 / Red 202 Threshold quantity: 1000 - 9999 tonnes

Carbonic acid calcium salt Threshold quantity: 1000 - 9999 tonnes

Formaldehyde Threshold quantity: 10000 - 99999 tonnes

Date of Issue: 26 April 2023 Version 1.0 Page 42 of 59



# SAFETY DATA SHEET

Inventory Status :

US TSCA Inventory : On or in compliance with the inventory

Canada DSL Inventory List : Not in compliance with the inventory

Australia AICS : On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECI) : Not in compliance with the inventory

Japan (ENCS) List : On or in compliance with the inventory

Japan ISHL Listing : On or in compliance with the inventory

Philippines PICCS : Not in compliance with the inventory

China Inv. Existing Chemical Substances : Not in compliance with the inventory

REACH (EU) : Contact us for information

Taiwan Chemical Substance Inventory : On or in compliance with the inventory

Date of Issue: 26 April 2023 Version 1.0 Page 43 of 59



# SAFETY DATA SHEET

#### 16. Other Information

Further Information : No data available.

References : No data available.

**Disclaimer** : To the best of the manufacturer's knowledge, the information contained

herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or

completeness of the information contained herein.

Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes

all risk and responsibility therefore.

All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee

that the hazards described herein are the only ones that exist.

In the case of the product for fragrance, it's in accordance with the latest

standard of IFRA within ordinary use.

Contact with the supplier for detail information.

Reference : (87): EU CLP Regulation Annex VI

(88): ECHA-REACH Registered Substances Database

Date of Issue: 26 April 2023 Version 1.0 Page 44 of 59



# SAFETY DATA SHEET

#### 1. Identification of the substance or mixture and of the supplier

GHS Product identifier : Cyan toner powder (cartridge) for

C532 Series C650 Series

C813/C823/C833/C843/C844 Series

MC573 Series

ES5473/ES8433/ES8434/ES6450 (Toner powder name: ODC-11-MH)

Recommended use of the chemical and restrictions on use

Recommended use : Not available

Recommended restrictions : Not known

Manufacturer : Oki Electric Industry Co., Ltd.

1-7-12 Toranomon, Minato-ku, Tokyo, 105-8460, Japan

Tel: 03-3501-3111

Supplier Australia : Oki Data (Australia) Pty Ltd.

Level 1, 67 Epping Road, Macquarie Park NSW 2113 Australia

Tel: 1800 800 140

E-mail: aus-support@oki.com

New Zealand : Oki Data New Zealand

PO Box 303063 North Harbour 0751 New Zealand

Ph 0800 654 669

E-mail: aus-support@oki.com

Singapore : Oki Data (Singapore) Pte Ltd.

351 Braddell Road #03-01A, 351 On Braddell, Singapore 579713

Tel: +65 6221 3722

E-mail: odsp-sales@oki.com

Date of Issue: 26 April 2023 Version 1.0 Page 45 of 59



# SAFETY DATA SHEET

### 2. Hazard(s) identification

#### GHS classification of substance or mixture, and national or regional information

#### **Environmental Hazards**

Chronic hazards to

the aquatic environment

Category 3

**GHS** label elements

Hazard Symbol : No symbol

Signal Word : No signal word

**Hazard Statement** : Harmful to aquatic life with long lasting effects.

**Precautionary Statement** 

**Prevention** : Avoid release to the environment.

**Response:** : IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER/doctor if you feel unwell.

Storage : Protect from sun. Store in a well-ventilated room(under 40°C).

**Disposal** : Passed to a licensed waste contractor.

Other hazards which do not result in GHS classification

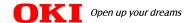
None

### 3. Composition/information on ingredients

#### **Mixtures**

Chemical Identity	Common name and synonyms	CAS number	Content in percent (%)
Zinc alkyl salicylate	-	Trade Secret	
Tin oxide	-	21651-19-4	0.01 - 0.1%

Date of Issue: 26 April 2023 Version 1.0 Page 46 of 59



### SAFETY DATA SHEET

#### 4. First-aid measures

#### **Description of first aid measures**

**Inhalation** : Remove person to fresh air and keep comfortable for breathing.

**Skin Contact** : Gently wash with plenty of soap and water.

**Eye contact** : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion : Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Personal Protection for First-aid Responders

No data available.

Most important symptoms and effects, both acute and delayed

Symptoms : No data available.

Hazards : No data available.

Indication of immediate medical attention and special treatment needed

**Treatment**: Get medical attention if symptoms occur.

#### 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray, powder

Unsuitable extinguishing

media

: No data available.

Special hazards arising from

the substance or mixture

May produce irritating or toxic gases in a fire.

Special protective equipment and precautions for fire-fighters

Special fire-fighting procedures : Keep away from sources of ignition and use appropriate

extinguishing media. Fight fire from upwind position if possible.

Product itself is non-combustible.

Do not flow the materials causing adverse effects into the environment

with effluent fire extinguishing agents.

Special protective equipment

for fire-fighters

Use goggles in combination with dust mask, and other protections as

appropriate to situation.

Date of Issue: 26 April 2023 Version 1.0 Page 47 of 59



# SAFETY DATA SHEET

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use goggles and protective gloves.
 Large spills : Remove person to safety.
 Ensure adequate ventilation. Keep upwind.

Accidental release measures : No data available.

Methods and material for containment and cleaning up

Prevent dispersion of dust.

Sweep or vacuum by dust-explosion-proof type cleaner.

**Environmental Precautions**: Avoid release to the environment.

#### 7. Handling and storage

Handling

**Technical measures** : Facilities storing or utilizing this material should be equipped with

an eyewash facility and a safety shower.

**Local/Total ventilation** : Use local exhaust ventilation, in case of generation of dust.

Safe handling advice : Avoid inhalation of fine dust . Use an adequate ventilation.

Wash thoroughly after handling. Use personal protective equipment as

required. Prevent generation of dust.

This material may cause risk of dust explosion.

Contact avoidance measures : No data available.

**Storage** 

**Safe storage conditions** : Keep container tightly closed. Protect from sun.

Store in a well-ventilated room (under 40°C).

Safe packaging materials : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 48 of 59



# SAFETY DATA SHEET

### 8. Exposure controls/personal protection

### **Control Parameters**

### **Occupational Exposure Limits**

Chemical Identity	Туре	Exposure Limit Values	Source
Wax - Fume	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
- Respirable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Silica	TWA	10 mg/m³	Australia. National Workplace OELs (Workplace
- Inhalable dust			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Tin oxide - as Sn	TWA	2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2011)
Formaldehyde	STEL	2 ppm 2.5 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Formaldehyde	TWA	1 ppm 1.2 mg/m³	Australia. National Workplace OELs (Workplace
			Exposure Standards for Airborne Contaminants,
			Appendix A), as amended (12 2019)
Pigment (Blue)	TWA	0.2 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Fume - as Cu			(03 2014)
Pigment (Blue)	TWA	1 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Dust and mist.			(03 2014)
- as Cu			
Pigment (Blue)	TWA	2 mg/m³	US. ACGIH Threshold Limit Values, as
- Fume			amended (2008)
Pigment (Blue)	TWA	3 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Respirable particles			(01 2021)
Pigment (Blue)	TWA	10 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable particles			(01 2021)

Date of Issue: 26 April 2023 Version 1.0 Page 49 of 59



# SAFETY DATA SHEET

		•	
Pigment (Blue)	TWA	1 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Dust and mist			(03 2014)
- as Cu			
Pigment (Blue)	TWA	0.2 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
- Fume - as Cu			(03 2014)
Tin oxide	TWA	2 mg/m³	US. ACGIH Threshold Limit Values, as amended
- Inhalable fraction			(03 2019)
- as Sn			
Formaldehyde	STEL	0.3 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)
Formaldehyde	TWA	0.1 ppm	US. ACGIH Threshold Limit Values, as amended
			(03 2017)
Hexachlorobenzene	TWA	0.002 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
			(2008)

Appropriate Engineering

**Controls** 

: Facilities storing or utilizing this material should be equipped with an

eyewash facility and a safety shower.

Use local exhaust ventilation, in case of generation of dust.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use an adequate ventilation.

#### Individual protection measures, such as personal protective equipment

Eye/face protection : Safety glasses with side shield (Safety goggles or Face shield)

Hand Protection : Material: Rubber gloves

Other : Full-body suit

**Respiratory Protection** : Use dust mask, as appropriate to situation.

**Hygiene measures** : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 50 of 59



# SAFETY DATA SHEET

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

**Appearance** 

Physical state : Solid

Form : Powder

Color : Cyan

Odor : Odorless

Odor Threshold : No data available.

Melting Point : No data available.

**Boiling Point** : No data available.

Flammability : No data available.

Upper/lower limit on flammability or explosive limits

**Explosive limit - upper** : No data available.

**Explosive limit - lower** : No data available.

Flash Point : Not detected

**Self Ignition Temperature** : No data available.

**Decomposition Temperature** : No data available.

pH : Not applicable

Viscosity

Dynamic viscosity : No data available.

Kinematic viscosity : No data available.

Flow Time : No data available.

Solubility(ies)

Solubility in Water : Insoluble in water

**Solubility (other)** : Partially soluble in toluene, chloroform and tetrahydrofurane

Partition coefficient

(n-octanol/water)

: No data available.

Vapor pressure : No data available.

Relative density : No data available.

Density : 1.2 g/ml (68°F/20℃)

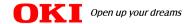
Vapor density (air=1) : No data available.

Particle characteristics

Particle Size : No data available.

Particle Size Distribution : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 51 of 59



# SAFETY DATA SHEET

### 10. Stability and reactivity

**Reactivity** : No data available.

Chemical Stability : Stable in general.

Possibility of hazardous

reactions

No data available.

Conditions to avoid : No data available.

**Incompatible Materials** : No data available.

**Hazardous Decomposition** 

**Products** 

No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 52 of 59



# SAFETY DATA SHEET

### 11. Toxicological information

Acute toxicity (list all possible routes of exposure)

Oral

Product : LD 50 (Rat): > 2,000 mg/kg Not classified

Not classified based on available data.

**Dermal** 

**Product** : Classification not possible due to insufficient data.

Inhalation

Product : LC 50 (Rat, 4 h) > 4.97 mg/l Not classified Dusts, mists and fumes

Dusts, mists and fumes: Not classified based on available data. Vapour: Classification not possible due to insufficient data.

Skin Corrosion/Irritation

Product : OECD TG404 Rabbit, 4 h: Non irritant undiluted

Not classified based on available data.

Serious Eye Damage/Eye Irritation

Product : OECD TG405, Rabbit, Not classified, undiluted

Not classified based on available data.

Respiratory or Skin Sensitization

Product : Skin sensitization, LLNA Skin: (Mouse): Negative

Skin: Not classified based on available data.

Respiratory: Classification not possible due to insufficient data.

Carcinogenicity

**Product** : Classification not possible due to insufficient data.

IARC : No carcinogens present or none present in regulated quantities

**Germ Cell Mutagenicity** 

In vitro

Product : Ames test (TA98, TA100, TA1535, TA1537, TA1538, WP2uvrA): Negative

Classification not possible due to insufficient data.

In vivo

**Product** : Classification not possible due to insufficient data.

Reproductive toxicity

**Product** : Classification not possible due to insufficient data.

**Specific Target Organ Toxicity - Single Exposure** 

**Product** : Classification not possible due to insufficient data.

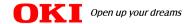
Components

Tin oxide : Category 1: respiratory tract, Kidney: (88)

**Specific Target Organ Toxicity - Repeated Exposure** 

**Product** : Classification not possible due to insufficient data.

Date of Issue: 26 April 2023 Version 1.0 Page 53 of 59



# SAFETY DATA SHEET

Components

Tin oxide : Category 1: systemic toxicity: (88)

**Aspiration Hazard** 

**Product** : No data available.

Other effects : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 54 of 59



# SAFETY DATA SHEET

### 12. Ecological information

**Ecotoxicity** :

Acute hazards to the aquatic

environment

**Fish** 

**Product** : Not classified based on available data.

**Aquatic Invertebrates** 

Product : EC 50 (Daphnia, 48 h): > 100 mg/l (Data on similar product)

Not classified based on available data.

**Toxicity to Aquatic Plants** 

**Product** : No data available.

Components

Zinc alkyl salicylate Category 1: (87)

Chronic hazards to the aquatic environment

Fish

**Product** : No data available.

**Aquatic Invertebrates** 

**Product** : No data available.

**Toxicity to Aquatic Plants** 

**Product** : No data available.

Components :

Zinc alkyl salicylate Category 1: (87)

Persistence and Degradability

**Biodegradation** 

**Product** : No data available.

**BOD/COD Ratio** 

**Product** : No data available.

Bioaccumulative potential

**Bioconcentration Factor (BCF)** 

**Product** : No data available.

Partition Coefficient n-octanol / water (log Kow)

Product : No data available.

Mobility in soil : No data available.

Other adverse effects : No data available.

Date of Issue: 26 April 2023 Version 1.0 Page 55 of 59



# SAFETY DATA SHEET

#### 13. Disposal considerations

Disposal methods : Review "HANDLING AND STORAGE (Section 7)".

Passed to a licensed waste contractor.

This product may cause risk of dust explosion.

**Contaminated Packaging** : No data available.

### 14. Transport information

**IATA** 

Not Regulated

**IMDG** 

Not Regulated

Hazchem Code : No data available.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied

**National Regulations** 

**Domestic Standard** : In compliance with domestic law.

Date of Issue: 26 April 2023 Version 1.0 Page 56 of 59



# SAFETY DATA SHEET

#### 15. Regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poisons Schedule Number

**Product** Poisons schedule number not allocated.

Notifiable Carcinogenic Substances

Not Regulated

**Prohibited Carcinogenic Substances** 

Not Regulated

National Pollutant Inventory (NPI) substance reporting list

Category threshold (quantity of fuel or waste burned by Threshold Category: 2B Pigment (Blue)

> Threshold Category: 1 facility):2000tonnes/yr

SDS No.: TNR-C0016 (for AOS)

Threshold Category: 1

Threshold quantity:10tonnes/yr

Silica Category threshold (quantity of fuel or waste burned by Threshold Category: 2A Threshold Category: 2B

facility):400tonnes/yr

Category threshold (quantity of fuel or waste burned by

facility):2000tonnes/yr

Zinc alkyl salicylate Threshold quantity:10tonnes/yr Threshold Category: 1

Organic pigment Category threshold (quantity of fuel or waste burned by Threshold Category: 2B

> facility):2000tonnes/yr Threshold quantity:10tonnes/yr

Threshold quantity:10tonnes/yr Formaldehyde Threshold Category: 1

Hexachlorobenzene Threshold quantity:10tonnes/yr Threshold Category: 1

Prohibited Substances (National Model Regulations for the Control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994))

Not Regulated

Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Hexachlorobenzene Listed

Importation of Ozone Depleting Substances (Customs (Prohibited Imports) Regulations 1956, Schedule 10)

Not Regulated

**High Volume Industrial Chemicals (HVIC)** 

Pigment (Blue) Threshold quantity: 1000 - 9999 tonnes

Wax Threshold quantity: 1000 - 9999 tonnes

Silica Threshold quantity: 10000 - 99999 tonnes

Formaldehyde Threshold quantity: 10000 - 99999 tonnes

Date of Issue: 26 April 2023 Version 1.0 Page 57 of 59



# SAFETY DATA SHEET

Inventory Status :

US TSCA Inventory : On or in compliance with the inventory

Canada DSL Inventory List : Not in compliance with the inventory

Australia AICS : On or in compliance with the inventory

Korea Existing Chemicals Inv. (KECI) : Not in compliance with the inventory

Japan (ENCS) List : On or in compliance with the inventory

Japan ISHL Listing : On or in compliance with the inventory

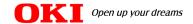
Philippines PICCS : Not in compliance with the inventory

China Inv. Existing Chemical Substances : Not in compliance with the inventory

REACH (EU) : Contact us for information

Taiwan Chemical Substance Inventory : On or in compliance with the inventory

Date of Issue: 26 April 2023 Version 1.0 Page 58 of 59



# SAFETY DATA SHEET

#### 16. Other Information

Further Information : No data available.

References : No data available.

**Disclaimer** : To the best of the manufacturer's knowledge, the information contained

herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or

completeness of the information contained herein.

Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes

all risk and responsibility therefore.

All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee

that the hazards described herein are the only ones that exist.

In the case of the product for fragrance, it's in accordance with the latest

standard of IFRA within ordinary use.

Contact with the supplier for detail information.

Reference : (87): EU CLP Regulation Annex VI

(88): ECHA-REACH Registered Substances Database

Date of Issue: 26 April 2023 Version 1.0 Page 59 of 59