

WDR21-F, PENTEL CO., LTD.,

Safety Data Sheet (SDS)

Preparation Date 2016/08/03

Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name WDR21-F  
 Product Code WDR21F0001  
 Company Name PENTEL CO., LTD.  
 Address 7-2,KOAMICHO,NIHONBASHI,CHUO-KU,TOKYO  
 Company Contact QUALITY ASSURANCE DEPARTMENT I  
 Phone Number 048-928-6668  
 Emergency Phone Number 048-928-6668  
 Fax Number 048-928-9190  
 Mail Address hinpo@pentel.co.jp

Australian Company Pentel Australia Pty Ltd  
 Address Unit 4, 12 Mars Road, Lane Cove NSW 2066  
 Phone 1300 88 87 86  
 Emergency Phone 02 9425 4800  
 ABN 72 008 457 725  
 Recommended Use and Restriction ink  
 On Use

BL107-F

Section 2 - HAZARDS IDENTIFICATION

GHS Classification

No classification standards applicable

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture mixture

Chemical Name or Generic Name	Concentration or Its Ranges	Formula	ENCs No./ISHL No.		CAS RN
			ENCs No.	ISHL No.	
Glycerin	11.5%	CH <sub>2</sub> OHCH(OH)CH <sub>2</sub> OH	(2)-242,(7)-338	Existing	56-81-5
Ethylene glycol	5%	HOCH <sub>2</sub> CH <sub>2</sub> OH	(2)-230	Existing	107-21-1
Thiodiethylene glycol	9%	HOCH <sub>2</sub> CH <sub>2</sub> SCH <sub>2</sub> CH <sub>2</sub> OH	(2)-470	Existing	111-48-8
Triethanolamine	0.7%	N(CH <sub>2</sub> CH <sub>2</sub> OH) <sub>3</sub>	(2)-308	Existing	102-71-6

Impurities and/or Stabilizing Additives which Contribute to the Classification

No information available

Section 4 - FIRST AID MEASURES

Inhalation

If breathing is difficult, move affected person to the open air. Keep him or her at rest to allow easier breathing.

Skin Contact

Get medical advice and attention if you feel unwell.

Eye Contact

Wash with soap and plenty of water.

If skin irritation or rash occurs: Get medical advice and attention.

Wash eyes carefully for several minutes with water.

Take off contact lenses if easily removed, and continue to wash eyes afterwards.

When the ocular stimulation lasts, Seek medical treatment and advice.

Ingestion

Rinse a mouth. Don't make vomit by force.

Get medical advice and attention if you feel unwell.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Carbon dioxide, dry chemicals, water sprinkling, and general foam extinguishing agents

Section 6 - ACCIDENTAL RELEASE MEASURES  
 Personal Precautions, Protective Equipment and  
 Emergency Procedures  
 Environmental Precautions

No information available

Pay attention not to cause the influence on the environment by discharging into rivers. This product is water pollutant. Prevent soil contamination, or the product from flowing into the drain systems.

Decontamination/Absorption/  
 Sweeping/Vacuming/Neutralization

Collect the material into a disposal container by sucking up or sweeping up.

Absorb spills with inert materials (such as dry sand or soil) and collect them into chemical-waste disposal container.

Methods and Equipment for Containment and  
 Cleaning up  
 Prevention Measures for Secondary Accidents

Cleansing the contaminated area thoroughly with water after removal.

Prevent flowing into drain, sewage, basement, and closed area.

Remove thoroughly since the smooth and slippery surface will be formed on the floor.

Section 7 - HANDLING AND STORAGE

Handling

Technical Measures

Provide ventilation system and Use necessary personal protective equipment as described in "8. EXPOSURE CONTROLS AND PERSONAL

Local and General  
 Ventilation

Provide local ventilations and a full ventilation system as described in "8. EXPOSURE CONTROLS AND PERSONAL PROTECTION."

Precautions for Safe  
 Handling

Avoid the contact with eyes.

Wash hands thoroughly after handling.

Avoid swallowing

Avoid high temperature and direct sunlight.

Refer to "10. STABILITY AND REACTIVITY"

Storage Precautionary  
 Statements

Prevents Handling of  
 Incompatible  
 Substances  
 or Mixtures

Technical Measures

The storage facility should be provided with necessary lighting, lighting equipment, and ventilator to store and handle dangerous goods.

Incompatible  
 Substances or  
 Mixtures

Refer to "10. STABILITY AND REACTIVITY"

Storage Conditions

Have containers keep away from direct sunlight and heat.

Keep away from heat.

Store locked up.

Material Used in  
 Packaging/Containers

Packaging materials and containers are not legislated, but use sturdy and closed-type containers.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

A general proper ventilation is enough to control concentration in air.

Personal Protective  
 Equipment

Respiratory  
 Protection  
 Eye Protection

No information available

Use an adequate personal eye protector.

Goggles (ordinary glass type, ordinary glass type with side shields, and goggle type)

Specific Hygiene Measures

Wash hands thoroughly after handling

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Physical State	liquid (viscous liquid)
	Colour	orange
	Odour	slight odor
	pH	No data available
Initial Boiling Point and Boiling Ranges		No information available
Flash Point		no data available
Auto-Ignition		No information available

## Section 10 - STABILITY AND REACTIVITY

Stability		The material is stable under storage and handling conditions comprised with the regulations.
Possibility of Hazardous Reaction		No data available
Conditions to Avoid		No data available
Hazardous Decomposition Products		No data available

## Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity		No information available
----------------	--	--------------------------

## Section 12 - ECOLOGICAL INFORMATION

	Environmental Hazards	No information available
Ecotoxicity		No information available

## Section 13 - DISPOSAL CONSIDERATIONS

Residual Waste		For disposal, conform with the standards provided by related laws and local public bodies. Commission the authorized waste disposal company, or a local public body who conducts the disposal, to dispose of the material.
Contaminated Container and Packaging		Recycle containers after cleansing, or carry out the disposal under the related laws and regulations and the standards of the local governments.

## Section 14 - TRANSPORT INFORMATION

International Regulations	Regulatory Information by Sea	Not applicable
	UN No.	Not applicable
	Marine Pollutant	Not applicable
	Regulatory Information by Air	Not applicable
	UN No.	Not applicable
Regulations in Japan	Regulatory Information by Road or Rail	Not applicable
	Regulatory Information by Sea	Not applicable
	UN No.	Not applicable
	Marine Pollutant	Not applicable
	Regulatory Information by Air	Not applicable
	UN No.	Not applicable

## Section 15 - REGULATORY INFORMATION

Regulatory information with regard to this product in your country or in your region should be examined by your own responsibility.

Section 16 - OTHER INFORMATION  
Information Contact  
Other Property

No information available  
This information is furnished without warranty express  
or implied.

This information is believed to be accurate to the best  
knowledge of PENTEL Co., Ltd. but not assumes leagal  
responsibility for use of or reliance upon this  
information.