Micador Vibrant Watercolour Classroom Pack

1. Product Identifier & Identity for the Chemical

Product name	**Micador Vibrant Watercolour Classroom Pack (Yellow, Purple, Red, Yellow Ochre, Blue, White)**
Other name/s	
Product code/s	**WCT220, WCT221, WCT222, WCT223, WCT225, WCT227, WCT600**
Recommended use	Art and craft
Restrictions on use	None Known

Company name	Micador Australia Pty Ltd
ABN	98 004 509 880
Address	4/132 Bangholme Road, Dandenong South, VIC 3175
Emergency phone	03 8788 1800 (Monday – Friday from 9am – 5pm)
Phone	03 8788 1800
Fax	03 8788 1810
Email	safety@micador.com.au

Poisons Information Centre

AUSTRALIA	13 11 26
NEW ZEALAND	0800 764 766 or 0800 POISON

2. Hazard Identification

Hazard classification

These products **are not classified as hazardous** according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

Other Hazards which do not result in classification

NFPA ratings (scale 0 – 4)	**HMIS-ratings (scale 0 – 4)**
Health = 0	Health = 0
Fire = 1	Fire = 1
Reactivity = 0	Reactivity = 0

3. Composition/Information on Ingredients

Component	**CAS Number**
Water, distilled or similar purity	7732-18-5
Calcium Carbonate	471-34-1
Glycerol	56-81-5
Gum Arabic	9000-01-5
Dextrin	9004-53-9
Titanium Oxide	13463-67-7
Other & pigments	Proprietary

4. First Aid Measures

Inhalation	Supply fresh air, consult doctor in case of complaints
Skin	Wash with water and soap and rinse thoroughly.
Eye	Rinse opened eye for several minutes under running water. Then consult a doctor.
Ingestion	Rinse mouth out with water. If symptoms persist consult doctor

5. Fire Fighting Measures

Suitable extinguishing media
Use fire fighting measure that suit the environment

Specific hazards arising from the chemical Not known

Special protective equipment and precautions for fire fighters
Wear fully protective suit. Wear self-contained respiratory protective device

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation. Avoid contact with eyes.

Environment precautions Do not allow to enter sewers / surface or ground water

Methods and materials for containment and cleaning up
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation

7. Handling and Storage

Precautions for safe handling
Ensure good ventilation / exhaustion at the workplace. Prevent formation of aerosol. Avoid contact with eyes

Conditions for safe storage, including any incompatibilities
Store in a cool location. Store away from foodstuffs. Store receptacle in a well-ventilated area. Keep receptacle tightly sealed.

Information about protection against explosions and fires:
Keep ignition sources away – Do not smoke. Normal measures for preventive fire protection

8. Exposure Controls/Personal Protection

· *Components with limit values that require monitoring at the workplace:*	
471-34-1 calcium carbonate	
PEL (USA)	*15* 5** mg/m³ *total dust **respirable fraction*
REL (USA)	*10* 5** mg/m³ *total dust **respirable fraction*
TLV (USA)	*TLV withdrawn*
56-81-5 glycerol	
PEL (USA)	*15* 5** mg/m³ *total dust **respirable fraction*
TLV (USA)	*10* ppm *Mist*
WEL (Great Britain)	*10 mg/m³*

Additional information The lists that were valid during the creation were used as a basis
Appropriate engineering control Not known

Personal protective equipment (PPE)
General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.
Avoid contact with eyes and skin
Breathing equipment: Suitable respiratory protective device recommended
Protection of hands: The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Material of gloves: The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and therefore to be checked prior to the application.
Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed
Eye protection: Safety glasses

9. Physical and Chemical Properties

Appearance	Liquid
Colour	Various
Odor	Odorless
Odor threshold	Not Known
pH	Not Known
Melting point/freezing point	Not Known
Boiling point and boiling range	Not Known
Flash point	Not Known
Evaporation rate	Not Known
Flammability	Not Known
Upper/lower flammability or explosive limits	Product does not present an explosion hazard
Vapor pressure	Not Known
Vapor density	Not Known
Relative density	Not Known
Solubility (ies)	Not Known
Partition coefficient: n-octanol/water	Not Known
Auto-ignition temperature	Product is not self igniting
Decomposition temperature	Not Known
Viscosity	Not Known
Specific heat value	Not Known
Particle size	Not Known
Volatile organic compounds content	Not Known
% volatile	Not Known
Saturated vapor concentration	Not Known
Release of invisible flammable vapors and gases	Not Known

10. Stability and reactivity

Reactivity	Not Known
Chemical stability	Not Known
Conditions to avoid	No decomposition if used according to specification

Incompatible materials & possible hazardous reactions
No dangerous reactions known
Thermal decomposition/conditions to be avoided
No decomposition if used according specifications
Hazardous decomposition product
No dangerous decomposition products known

11. Toxicological information

Acute toxicity

· *LD/LC50 values that are relevant for classification:*		
9000-01-5 gum arabic		
Oral	*LD50*	*>16000 mg/kg (mouse)* *>16000 mg/kg (rat)* *>8000 mg/kg (rabbit)*
56-81-5 glycerol		
Oral	*LD50*	*4090 mg/kg (mouse)* *12600 mg/kg (rat)* *27000 mg/kg (rabbit)*
471-34-1 calcium carbonate		
Oral	*LD50*	*6450 mg/kg (rat)*
1344-00-9 Silicic acid, aluminum sodium salt		
Oral	*LD50*	*>27000 mg/kg (rat)*
Dermal	*LD50*	*>2000 mg/kg (rabbit)*

Primary irritant effect

Swallowed	Not Known
Eyes	Irritating effect is possible
Skin	Irritating effect is possible
Sensitization	Sensitization possible

Chronic health effect Not Known

Additional toxicological information:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us

12. Ecological information

Ecotoxicology	Not Known
Persistence and degradability	Not Known
Bioaccumulative potential	Not Known
Mobility in soil	Not Known
Other adverse effects	Water hazard class 1 (Self-Assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

13. Disposal considerations

Safe handling and disposal methods	Smaller quantities can be disposed of with household waste
Disposal of any contaminated packaging	Disposal must be made according to official regulations
Environmental regulations	Not known

14. Transport information

UN number	Not Known
Proper shipping name	Not Known
Transport hazard class(es)	Not Known
Packing group	Not Known
Environmental hazard	Not Known
Special precautions during transport	Not Known
Hazchem code	Not Known

15. Regulatory information

Safety, health environmental regulations specific for the product in question
The material (or substance or mixture) is not considered hazardous by OSHA Hazard Communication Standard (29 CFR 1910.1200).

Water hazard class
Water hazard class 1 (self-assessment): slightly hazardous for water

Poisons schedule number Noe allocated

16. Other information

Date of preparation or review	30th April 2018
Key abbreviation or acronyms used	N/A