

Micador Watersoluble Oil Pastel

1. Product Identifier & Identity for the Chemical

Product name	Micador Watersoluble Oil Pastel
Other name/s	Large oil pastels - Watersoluble
Product code/s	OPML12WS, OPML24WS
Recommended use	Drawing
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

2. Hazard Identification

Classification of the hazardous chemical

Hazard Classification

Classified as non-hazardous substance and non-dangerous good according to the criteria of NOHSC. The product is not classified as dangerous according in OSHA Hazard Communication standard (29 CFR 1910.1200). The classification is according to the latest edition of the OSHA Hazard Communication Standard (29 CFR 1910.1200), and extended by company and literature data.

Risk phrase(s)	None allocated as non-hazardous
Safety phrase(s)	None allocated as non-hazardous

Label Elements, including precautionary statements None Known

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

Chemical characterization

Chemical name	CAS number	Concentration
Calcium Carbonate	471-34-1	40 - 50%
Stearic acid, pure	57-11-4	20 - 30%
Nonylphenol, ethoxylated	9016-45-9	10 - 20%
Paraffin waxes and Hydrocarbon waxes	8002-74-2	<10%
White mineral oil	8042-47-5	<10%
Titanium Dioxide	13463-67-7	<5%
2,2'-[(3,3' - dichloro[1,1' - biphenyl] - 4,4' - diyl)bis(azo)]bis[3 - oxo - N - phenylbutyramide]	6358-85-6	<5%
Hydrogenated Palm Oil	68514-74-9	<5%
Paraffin waxes and Hydrocarbon waxes, microcryst	63231-60-7	<5%

4. First Aid Measures

Inhalation	Supply fresh air, consult doctor in case of complaints
Skin	Immediately wash with water and soap and rinse thoroughly
Eye	Rinse opened eye for several minutes under running water. If symptoms persist 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

Mouth respiratory protective device. Wear fully protective suit.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear protective equipment. Keep unprotected persons away.

Environment precautions

Do not allow to enter sewers / surface or ground water.

Methods and materials for containment and cleaning up

Pick up mechanically

7. Handling and Storage

Precautions for safe handling

Keep receptacles tightly sealed. Ensure good ventilation / exhaustion at the workplace.

Conditions for safe storage, including any incompatibilities

Normal measures for preventative fire protection. Store in a cool location. Store away from foodstuffs. Store receptacle in a well-ventilated area. Store in a cool, dry conditions in well sealed receptacles.

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/m ³ * Total dust **respirable fraction
REL (USA)	10*5** mg/m ³ * Total dust **respirable fraction
TLV (USA)	TLV Withdrawn

13463-67-7 titanium dioxide

PEL (USA)	15*mg/m ³ *total dust
REL (USA)	LFC (LOQ 0.2 mg/m ³)
TLV (USA)	10mg/m ³
WEL (Great Britain)	10*4**mg/m ³ * Total inhalable **respirable

8002-74-2 Paraffin waxes and hydrocarbon waxes

REL (USA)	2mg/m ³
TLV (USA)	2mg/m ³
WEL (Great Britain)	Short term value: 6mg/m ³ Long term value: 2mg/m ³

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.

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	Solid
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	Not Known
Incompatible materials and possible hazardous reactions	No dangerous reactions known
Thermal decomposition/conditions to be avoided	No decomposition if used according to specifications
Hazardous decomposition products	No dangerous decomposition products known

11. Toxicological information

Potential adverse health effects and symptoms associated with exposure to the material

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.

The product is not subject to classification according to internally approved calculation methods for preparation

Acute toxicity

LD/LC50 values that are relevant for classification		
471-34-1 calcium carbonate		
Oral	LD50	6450 mg/kg (rat)
57-11-4 stearic acid, pure		
Dermal	LD50	>5000mg/kg (rabbit)
8042-47-5 white mineral oil		
Oral	LD50	>5000mg/kg (rat)
8002-74-2 Paraffin waxes and Hydrocarbon		
Oral	LD50	>5000mg/kg (rat)
Dermal	LD50	>2000mg/kg (rabbit)
13463-67-7 titanium dioxide		
Oral	LD50	>20000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.82 mg/l (rat)
6358-85-6 2,2'-(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[3-oxo-N-phenylbutyramide]		
Oral	LD50	>10800 mg/kg (rat)
9016-45-9 nonylphenol, ethoxylated		
Oral	LD50	4000 mg/kg (rat)

Acute health effect

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

Chronic health effect

Not Known

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

Observe the general safety regulations when handling chemicals. Classified as non-hazardous substance and non-dangerous good according to the criteria of NOHSC. 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

Not Known

Sara

Section 355 (extremely hazardous substances):

None of the ingredients listed

Section 313 (Specific toxic chemical listings):

None of the ingredients listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed

Proposition 65

Chemicals known to cause cancer

None of the ingredients listed

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed

Chemicals known to cause developmental toxicity:

None of the ingredients are listed

Carcinogenicity categories

EPA (Environmental Protection Agency):

None of the ingredients are listed

IARC (International Agency for Research on Cancer):

13463-67-7 Titanium dioxide

2B

NTP (National Toxicity Program):

None of the ingredients listed

TLV (Threshold Limit Value established by ACGIH):

13463-67-7 Titanium dioxide

A4

NIOSH-ca National Institute for Occupational Safety and Health):

134-63-67-7 Titanium dioxide

OSHA-CA (Occupational Safety and Health Administration):

None of the ingredients listed

16. Other information

The contents and format of this MSDS/SDS are in accordance with 29 CFR 1910.1200(g).

Date of preparation or review	15 December 2010
Key abbreviation or acronyms used	N/A
Revision number	1
Name of version that this document supersedes	Nil