

Kraftkolour

P O BOX 379 Whittlesea, Vic Australia 3757 Ph: 1300 720 493

email: info@kraftkolour.com.au

SAFETY DATA SHEET

PRODUCT NAME: **COLD WAX**

1.0 IDENTIFICATION

Product Name: COLD WAX

Recommended Use: Wax emulsion for resist effects on textiles

2.0 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Proportion
Base Oil, Petroleum Derived	64742-65-0	30-60%
Paraffin Wax	8002-74-2	20-60%
Microcrystalline Wax	63231-60-7	20-40%
Slack wax (Petroleum)	64742-61-6	20-50%
Polymer Emulsion	Confidential	20-40%
Other Non Hazardous Ingredients	Confidential	0-50%
Water	7732-18-5	30-60%
Biocide	Confidential	<1%
Morpholine	110-91-8	0 -<1%

3.0 HAZARDS IDENTIFICATION

Hazard Classification: Non hazardous according to the criteria of NOHSC/SWAC (formerly ASCC/Worksafe Aust.) NOT hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Signal Word: None

Emergency Overview: Milky-white emulsion with a faint odour. Will not burn readily due to the water content. No significant health or environmental hazards. May become a slip hazard if spilled. Not a Dangerous Good according to the ADG Code. Not a Hazardous Substance according to the Criteria of the Australian NCHSC.

4.0 FIRST AID MEASURES

Swallowed	If product enters the mouth, thoroughly wash mouth with water, then give some water to drink. Seek medical advice.
Eye	If this product comes into contact with eyes, hold open and wash with running water. Ensure irrigation under eyelids by occasionally lifting them. Do not try to remove contact lenses unless trained. Seek medical advice,
Skin	If this product comes into contact with skin, wash skin with soap and water. Remove contaminated clothing and footwear. Ensure contaminated clothing is thoroughly washed before using again. Seek medical advice if effects persist.
Inhaled	If mist is inhaled, remove to fresh air. Keep at rest until fully recovered. If unusual symptoms develop, seek medical attention.

First-Aid Facilities Eye wash and safety shower, plus normal washroom facilities nearby.

Advice to Doctor Treat symptomatically.

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Other Sources of Information

Poisons Information Centres in Australia can provide additional assistance for many chemical products, especially if classified as scheduled poisons. Ph: Aust 13 11 26.

5.0 FIRE FIGHTING MEASURES

Fire or Explosion Hazard:	Does not burn initially due to its 30-60% water content, however this material can ignite and burn under fire conditions once the water has evaporated.
Extinguishing Media:	Carbon dioxide, dry chemical, foam, water.
Special Firefighting Procedures:	Move containers from the fire area if it can be done without risk.
Special issues & Precautions:	Decomposition products are toxic. Fire-fighters may need to wear self contained breathing apparatus.

6.0 ACCIDENTAL RELEASE MEASURES

Spillage:	In event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area, preventing run off from entering drains.
Special Issues:	Slippery on floors, especially when wet.

7.0 HANDLING AND STORAGE

Avoid spillage. Avoid contact with strong oxidising agents and strong acids. Store in a well ventilated area. Store away from sources of high heat, strong oxidising agents and strong acids. Keep containers closed at all times.

8.0 EXPOSURE CONTROLS/PERSONAL PROTECTION

Design and Engineering	Use good ventilation to maintain the air concentration below the exposure standards. Air concentrations may be reduced by process modification, use of local exhaust
Control Measures	Ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high you are advised to modify the process or environment to reduce the problem.
Exposure Standards	<p>The following exposure standard has been established by The Safe Work Australia (SWA), as applicable.</p> <p>Morpholine: 20 ppm 71 Mg1M3 TWA Skin Skin - Absorption through the skin may be a significant source of exposure. This product contains <u>less than</u> 1% Morpholine</p> <p>Base Oil, Petroleum Derived (CAS 64742-65-0) Oil Mist 5 Mg/M3 TWA</p> <p><u>The other ingredients do not have an exposure standard.</u></p>

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Personal Protection Equipment Avoid skin and eye contact. Avoid inhaling mist or heated fumes.

The following personal protective equipment should be used:

(1). Protective gloves for handling product at room temperature is required to avoid skin contact (e.g. rubber or plastic). (2). Safety glasses with side shields, or chemical goggles as appropriate. (3). Closed shoes or safety boots as appropriate. (4). Clean overalls or similar protective apparel, preferably with an apron. (5). If a risk of vapour overexposure exists due to overheated product; use an organic vapour respirator meeting AS1 715/1716.

Where applicable refer to the following Standards:

AS/NZS 1337	Eye protectors for industrial applications.
AS 2161	Industrial safety gloves and mittens.
AS 2210	Safety footwear.
AS 3765	Clothing for protection against hazardous chemicals.
AS/NZS 1715	Selection, use and care of respiratory protection devices.
AS/NZS 1716	Respiratory protection devices.

Always wash hands before smoking, eating, drinking or using the toilet.

9.0 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form	Liquid Emulsion
Appearance and Odour	Milky white. Faint odour.
Melting Point /Boiling Point	MP - Not applicable BP 100°C
Specific Gravity	0.96 approx. at 20°C
Flashpoint	Not applicable (does not burn)
Solubility	Completely soluble in water.
Percent volatile by volume	30-60%
pH	8-12 (of the emulsion);
Corrosiveness	Not corrosive.

10.0 STABILITY AND REACTIVITY

Reactivity:	Stable.
Conditions To Avoid:	Mist formation.
Incompatible Materials:	Strong oxidizers, strong acids.
Unsuitable Container Materials:	None known.
Hazardous Decomposition	If Overheated: Irritating fumes.
Products:	If Burnt: Carbon monoxide and smoke (if combustion is incomplete)
Hazardous Polymerisation:	Will not occur.

11.0 TOXICOLOGICAL INFORMATION

General Information:	Oral LD50: LD: Rat: > 5 g/kg; Dermal LD50: LD: Rabbit: > 5 g/kg
Poison Schedule:	Not Applicable

Acute Health Effects

Swallowed	Slightly harmful if swallowed. Acute Oral Toxicity LD50 (rat): >2000 mg/kg
Eye	May cause eye irritation. It is likely to cause mild discomfort such as watering and redness of the eyes. This should disappear quickly once the exposure is over.
Skin	May cause skin irritation. Effects may include: itchiness, occasional small blisters or slight skin blistering.
Inhaled	If a mist is formed. may cause irritation of the nose, throat and lungs.

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Chronic Health Effects

Respiratory problems may arise from continued poor handling practice. This product will have a defatting action on the skin resulting in dryness and cracking with prolonged or repeated exposure. Repeated or prolonged exposure may result in irritant contact dermatitis.

12.0 ECOLOGICAL INFORMATION

Ecotoxicity	No Data Available
Persistence/Degradability	Components of this product are expected to persist.
Mobility	This product is likely to be mobile on dilution with a potential to contaminate soil, ground water and grasslands. Soluble in water.
Environmental Fate	Do NOT let product reach waterways, drains and sewers.
Bioaccumulation Potential	No information available on bioaccumulation for this product.
Environmental Impact	No Data Available

13.0 DISPOSAL CONSIDERATIONS

General Information:

If utilisation or recycling of the product is not possible, it should be disposed of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State, and Federal Regulations or recycled/reconditioned at an approved facility.

Special Precautions for Land Fill:

Contact a specialist disposal company or the local waste regulator for advice. This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be incinerated in a regulated facility. In the absence of a designated industrial incinerator, this product should be treated and disposed through chemical waste treatment, or considered for use in solvent recycling.

Recycle containers wherever possible.

14.0 TRANSPORT INFORMATION

Not defined as a dangerous good by the Australian Code for Transport of Dangerous Goods by road or rail. Not classified by IMDG. Not regulated by IATA. UN Number: Not applicable

15.0 REGULATORY INFORMATION

Labelling: Not a Dangerous Good, Workplace Hazardous Substance or Scheduled Poison.

Additional Information: All components listed on AICS

Special Precautions/Comments: Refer "Personal Protection" above.

Abbreviations: (N/A, NOT APPL. = Not Applicable)

16.0 OTHER INFORMATION

All information contained in this Data Sheet is as accurate and up-to-date as possible. Kraftkolour P/L cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Kraftkolour P/L will not be responsible for damages of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those implied by Commonwealth, State or Territory Legislation.