



F1000 FLEXICLEAR

MATERIAL SAFETY DATA SHEET

Last Revised: 30 December 2024

Substance/preparation and company identification

Company:

Warrior Pte Ltd

Contact address:

17 Marsiling Industrial Estate Road 1 #01-11

Singapore 739279

Telephone: +65 6364 5100

E-mail address: war99@singnet.com.sg

Hazard identification

Classification of the substance or mixture:

Skin sensitizer Cat. 1



Label elements and precautionary statement:

Pictogram

Signal Word: Warning

Hazard Statement: May cause an allergic skin reaction.

Precautionary Statements (Prevention):

Wear protective gloves. Avoid breathing dust/fume/gas/mist/vapours/spray.

Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician. IF ON SKIN (or hair):

Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

Dispose of contents/container to hazardous or special waste collection point.

Other hazards which do not result in classification: If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

Physical/Chemical Properties

Form:	liquid, dispersion
Colour:	white
Odour:	faint odour
Odour threshold:	No data available.
pH value:	7.5 - 8.5 (25 °C) (DIN ISO 976)
Information on:	Water Melting point: 0 °
Information on:	Water Boiling point: 100 °C
Flash point:	Not applicable
Evaporation rate:	No data available.
Flammability (solid/gas):	not flammable
Lower explosion limit:	not applicable
Upper explosion limit:	not applicable
Ignition temperature:	not applicable



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Health hazard information

Health effects

Acute

- Eye : Irritating
- Skin : Irritating
- Inhaled : Due to the product form, inhalation hazard is low.
- Ingestion : Lime putties have a caustic reaction and therefore remove from the mouth and throat if swallowed.

Chronic

- No chronic effect known

First aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Note to physician:

Symptoms: (Further) symptoms and / or effects are not known so far

Hazards:

No hazards anticipated.

Treatment:

Symptomatic treatment (decontamination, vital functions)

Accidental Release Measures

Personal precautions:

Use personal protective clothing. Avoid contact with skin and eyes. **Hand protection:** Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact. **Eye protection:** Safety glasses with side-shields (frame goggles) (e.g. EN 166) **General safety and hygiene measures:** Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

Environmental precautions:

Do not release untreated into natural waters.

Methods for cleaning up or taking up:

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off product. For residues: Rinse away with water.



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Safe handling information

Handle in accordance with good industrial hygiene and safety practice. After long storage, slight quantities of carbon monoxide may be formed. To our best knowledge, the occupational exposure limit (OEL) is not exceeded during use. Entering of tanks must only be performed after intensive cleaning and when it is ensured that residual vapours have been removed. Consideration of national laws and international standards for confined space entry should be taken in to account. In case of doubt, the concentration of Carbon monoxide must be determined. Storage Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyester resin, glass reinforced (Palatal A410), Stainless steel 1.4301 (V2), Stainless steel 1.4401, enamelled, glass Further information on storage conditions: Store protected against freezing. Avoid direct sunlight. Protect from temperatures below: 5 °C Protect from temperatures above: 60 °C

Fire-fighting measures

Suitable extinguishing media:

water spray, dry powder, foam, carbon dioxide

Specific hazards:

No particular hazards known.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered.

Transport information

- Non-hazardous for air, sea and road freight.

Stability and reactivity

Conditions to avoid:

Avoid extreme temperatures.

Thermal decomposition:

No decomposition if used correctly.

Substances to avoid:

No substances known that should be avoided.

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions. After long storage, slight quantities of carbon monoxide may be formed. No hazardous decomposition products if stored and handled as prescribed/indicated

Ecological information

Environmental Fate:

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

Environmental toxicity:

Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected. Ecological data are determined by analogy.



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Toxicological Information

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

Irritation

Assessment of irritating effects: If the product adheres to skin, irritation may occur when it dries. Not irritating to the eyes. Not irritating to the skin.

Respiratory/Skin sensitization

Assessment of sensitization: May cause sensitization by skin contact.

Carcinogenicity

Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Regulatory Information

Hazard determining component(s) for labelling: MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE (3:1)

Disposal Information

Must be disposed of or incinerated in accordance with local regulations. A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage. Observe national and local legal requirement.

Other Information

- Any other intended applications should be discussed with the manufacturer.
- If you have any queries relating to this MSDS, its contents or any other product safety related questions, please write to the following e-mail address: war99@singnet.com.sg
- The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.