

SAFETY DATA SHEET (SDS)

**Manufacturer:**

ÅngströmLap®

Product Name:

ÅngströmLap® Silicon Carbide Polishing Slurry - 0.5 kg. Bottle, 0.1µm (micron)

Manufacturer Part Number:

MT-SC3XL

▶ [Click here for more details on the ÅngströmLap® Silicon Carbide Polishing Slurry - 0.5 kg. Bottle, 0.1µm \(micron\)](#)

1. Chemical product and company identification

Product name : **MT-SC3XL**
Recommended use : Polishing Agent
Company : Mipox Malaysia Sdn Bhd
Address : No. 7 & 9, Lintang Bayan Lepas 2, Bayan Lepas Industrial Park Phase 4, 11900 Bayan Lepas, Penang, Malaysia.
Telephone number : +604 642 8371
Fax number : +604 642 8508
SDS number : MMS240007

2. Hazard identification

Emergency Overview

Colour : Green
Physical State : Liquid

GHS Label Elements:

Classification :
Health hazards
Acute toxicity (Oral) : Category 4
Acute toxicity (Dermal) : Category 4
Skin corrosion / irritation : Category 3
Serious eye damage / eye irritation : Category 2A
Environmental hazards
Hazardous to the acute aquatic Environment : Classification not possible
Hazardous to the chronic aquatic Environment : Classification not possible

Symbol:



Data is subject to change without notice.

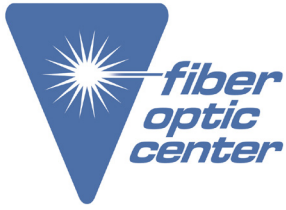
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Signal word : Warning

Hazard Statement : Harmful if swallowed.
Causes eye irritation.

Precautionary Statements**【Safety measures】**

: Wear protective gloves and eye/face protection.

【First-aid measures】

: In case of eye contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. Get medical attention immediately.

: In case of skin contact, immediately flush skin with plenty of water.

: If swallowed, do not induce vomiting. Get medical attention immediately.

【Storage】

: Keep in original container with tightly closed. Avoid from direct sunlight.

【Disposal】

: Disposal of this product must be in compliance with the laws, requirements and regulations for environmental protection in accordance with local regulations.

3. Composition / information on ingredients

Substance or mixture : Mixture

Component	CAS Number	WT%
Silicon Carbide powder	409-21-2	< 50%
Sodium polyacrylate	9003-04-7	< 5%
Water	7732-18-5	Balance

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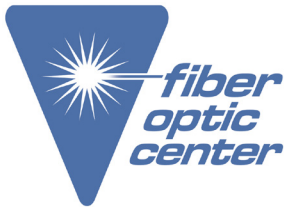
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4. First-aid measures

- Eye** : Hold eyelids open and flush with a steady, gentle stream of water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Obtain prompt medical consultation.
- Skin** : Wash with plenty water. If skin irritation occurs, get medical advice / attention.
- Ingestion** : If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.
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5. Fire-fighting measures

- Suitable extinguishing media : Water spray, dry chemical, foam, carbon dioxide.
- Unsuitable extinguishing media : No information available
- Specific hazards during fire : None
- Specific fire-fighting : Product itself is non-combustible. Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.
- Protection for fire-fighters : Wear a self-contained breathing apparatus and another protection as appropriate to situation.
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6. Accidental release measures

- Personal precautions : Use personal protective clothing. Avoid skin and eye contact.
- Environmental precautions : Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
- Methods for cleaning up or taking up : For large amounts: Pump off product. For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with local regulations.
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7. Handling and storage

- Handling
Technical measures : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
- Local ventilation /

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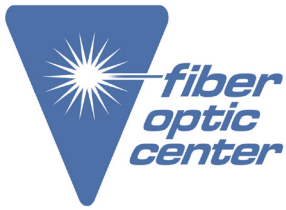
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general ventilation : Handle in well-ventilated areas.
Precautions for safe handling : Avoid skin and eye contact.
Wash hand and face after handling.

Storage
Conditions for suitable storage : Keep container tightly closed and in a dry & cool place.

Incompatible substances : No information available
Safe vessels and packaging
Materials : No information available

8. Exposure controls / personal protection

Limit value : No established
ACGIH(TLV) : No established
Engineering measures : When vapors/fumes mists is occurred, use local ventilation.
Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal protective equipment
Respirator protection : Use an approved air-purifying respirator.
Hand protection : Chemical resistant protective gloves - Butyl or Nitrile rubber.
Eye protection : Use safety glasses
Skin and body protection : Use synthetic apron, other protective equipment as necessary to prevent skin contact.
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Physical state : Liquid , green
Odor : Odorless
pH : 5.0 ~ 8.0
Melting point / freezing point : No data available
Boiling point : No data available
Vapor Pressure : No data available
Vapor Density : No data available
Flash Point : No data available
Explosive limits : No data available

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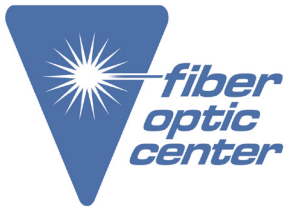
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Density	:	No data available
Water Solubility	:	Soluble
Solvent solubility	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available

10. Stability and reactivity

Stability	:	Stable in general
Possibility of hazardous reactions	:	No hazardous reactions when stored and handled according to instructions
Conditions to Avoid	:	No information available
Incompatible materials	:	No information available
Hazardous decomposition products	:	No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Acute toxicity (Oral)	:	No information available
Acute toxicity (Dermal)	:	No information available
Skin corrosion / irritation	:	No information available
Serious eye damage / irritation	:	No information available
Respiratory or skin sensitization	:	No information available
Germ cell mutagenicity	:	No information available
Carcinogenicity	:	No information available
Reproductive toxicity	:	No information available
STOT - single exposure	:	No information available
STOT – repeated exposure	:	No information available
Aspiration hazard	:	No information available

12. Ecological information

Toxicity	:	No information available
Persistence / degradability	:	No information available
Bioaccumulative potential	:	No information available
Mobility in soil	:	No information available

13. Disposal considerations

Disposal methods	:	Disposal of this product must be in
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compliance with the laws, requirements and regulations for environmental protection in accordance with local regulations.

14. Transport information

UN Number	:	Not applicable
UN Class	:	Not applicable
International regulations	:	
Sea transport (IMDG)	:	Not regulated.
Air transport (IATA)	:	Not regulated.
Specific precautions and condition for Transport	:	Ensure containers without breakage or leakage. Ensure containers tightly fixed.

15. Regulatory information

This SDS has been prepared in accordance with the requirements of the OSHA (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals), CLASS Regulations 2013 [P.U. (A) 310/2013]

16. Other information

Issued Date / Revision : 15 Apr 2024 / Rev 00

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore.

All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist. All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

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