

# SAFETY DATA SHEET (SDS)



**Manufacturer:**  
ÅngströmLap®  
**Product Name:**  
ÅngströmLap® Alumina Polishing Slurry - 0.5 kg Bottle, 0.5µm (micron)  
**Manufacturer Part Number:**  
MT-AOXA

► Click here for more details on the ÅngströmLap® Alumina Polishing Slurry - 0.5 kg Bottle, 0.5µm (micron)

## 1. Identification of the hazardous chemical and of the supplier

**Product name** : MT-AOXA  
**Recommended Use** : Polishing Agent  
**Company** : Mipox Malaysia Sdn Bhd  
**Address** : No. 7, 9, 12, 14 & 16, 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** : MMS180004

## 2. Hazard identification

### Emergency Overview

**Colour** : White  
**Physical State** : Liquid

### GHS Label Elements

**Classification** : Aquatic Toxicity, acute – Classification not possible  
: Aquatic Toxicity, Chronic – Classification not possible  
: Acute toxicity (oral / skin) – Category 4  
: Skin corrosion/irritation – Category 3  
: Eye Irritation – Category 2A

**Symbol** :



**Signal word** : WARNING

**Hazard Statement** : Harmful if swallowed. Causes skin / eye irritation.

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**Precautionary Statements**

Prevention	: Wear protective gloves and eye/face protection.
First Aid	: 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 and information of the ingredients of the hazardous chemical**

Substance or mixture	: Mixture	
Component	CAS Number	WT%
Aluminum oxide	1344-28-1	< 40%
Silicic acid,		
lithium magnesium sodium salt	53320-86-8	< 5%
Sodium polyacrylate	9003-04-7	< 5%
1-amino-2-propanol	78-96-6	< 1%
Water	7732-18-5	Balance

**4. First-aid measures**

<b>Eye</b>	: 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, from an ophthalmologist.
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<b>Skin</b>	: Wash with plenty water. If skin irritation occurs, get medical advice / attention.
<b>Inhalation</b>	: Move person to fresh air; if effects occur, consult a physician.
<b>Ingestion</b>	: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

## 5. Fire-fighting measures

<b>Extinguishing media</b>	: Water spray, dry chemical, foam, carbon dioxide.
<b>Fire Fighting Procedures</b>	: Keep people away. Isolate fire and deny unnecessary entry. Use water spray to cool fire exposed containers and fire affected zone until fire is out and danger of reigniting has passed. Fight fire from protected location or safe distance. Burning liquids may be moved by flushing with water to protect personnel and minimize property damage.
<b>Specific fire-fighting</b>	: Product itself is non-combustible. Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.
<b>Protection for fire-fighters</b>	: Wear a self-contained breathing apparatus and another protection as appropriate to situation.

## 6. Accidental release measures

<b>Personal precautions</b>	: Use personal protective clothing. Avoid skin and eye contact.
<b>Environmental precautions</b>	: Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.
<b>Methods for cleaning up or taking up</b>	: For large amounts: Pump off product. For residues: Pick up with suitable

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absorbent material. Dispose of absorbed material in accordance with local regulations.

## 7. Handling and storage

### Handling

**General Handling** : No special measures necessary provided product is used correctly.  
**Storage** : Further information on storage conditions: Keep container tightly closed and in a dry & cool place.

## 8. Exposure controls / personal protection

### Personal protective equipment

**Eye/Face Protection** : Use safety glasses.  
**Skin Protection** : Use synthetic apron, other protective equipment as necessary to prevent skin contact.  
**Respiratory protection** : Use an approved air-purifying respirator.  
**Hand protection** : Chemical resistant protective gloves - Butyl or Nitrile rubber.

### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

**Physical state** : Liquid, White  
**Odor** : Odorless  
**pH** : 8 ~ 11  
**Melting point** : Not available  
**Boiling point** : Not available  
**Flash point** : Not available  
**Vapor Pressure** : Not available  
**Specific Gravity (H<sub>2</sub>O = 1)** : Not available  
**Water solubility** : Soluble

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## 10. Stability and reactivity

### Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

### Incompatible Materials:

Not 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
Acute Toxicity (Inhalation)	: No information available
Carcinogenicity	: No information available

## 12. Ecological information

Aquatic Toxicity	: No information available
Biological Oxygen Demand 1%	: No information available
Chemical Oxygen Demand 1%	: No information available

## 13. Disposal considerations

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

## 14. Transport information

Keep away from food stuffs, heat, acid and alkalis.

ADR/ IMDG/ IATA - Not regulated.

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## 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: 25-July-2018 / Rev 01

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.

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