

MATERIAL SAFETY DATA SHEET

According to ANSI Z400.1/Z129.1-2010



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Section 1

Identification of the product:
Brand name of the product:

Identification of the product and of the company

Polishing emulsion

Polistar Emulsion

Company identification:

HATHO GmbH

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Germany

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Section 2

Hazardous ingredients:

Hazards Identification

This product contains a hazardous ingredient.

Human hazards:

Environmental hazards:

Fatty alcohol polyglycoether  GHS 05, Eye Dam. 1

In case of correct use there is no health effect known. It is known that some human being reacted allergic on fatty alcohol polyglycoether.

Incinerate in an industrial or commercial facility. Dispose of waste in a sanitary landfill. Volatile organic compounds. N/A

VOC Less H₂O and exempt Solvents: N/A

Since regulations vary; consult applicable regulations or authorities before disposal. U.S. EPA Hazardous Waste Number = None (Not U.S. EPA Hazardous)

Section 3

Chemical identification:

Information on ingredients

H₂O ~ 40%

Aluminium oxide ~ 30%

Oil ~ 10%

Fatty alcohol polyglycoether < 15%

Lemon grass oil ~ 2%

Section 4

Skin:

Eyes:

Ingestion:

First aid Measures

In case of allergic reaction wear gloves.

Rinse with water.

If signs/symptoms occur, remove person to fresh air.

If signs/symptoms continue, call physician.

Section 5

Extinguishing media:

Fire Fighting Measures

Water, Carbon dioxide, dry chemical, foam.

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

Health: 1, fire: 0, reactivity 0

Section 6

Methods for cleaning up:

Accidental Release measures

Water

Section 7

Handling:

Measures against fire and expl.:

Storage

Handling and storage

Wear safety glasses with side shields (recom: ANSI Stand Z87.1)

Use exhaust for polishing dust.

In dry surrounding.

Section 8

General:

Personal protection:

Respiratory protection:

Exposure controls/personal protection

Use general rules for rotation instruments.

Wear eye protection and gloves when necessary.

Avoid breathing of dust created by cutting, sanding or grinding.

Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with

Eye protection: OSHA regulations: half-Mask dust respirator, full-face dust respirator.
Use goggles.

Section 9

Physical and Chemical Properties

Appearance: liquid
Colour: white
Odour: N/A
Melting point: N/A
Boiling point: > 80 °C (176°F)
Flammable limit: N/A
Relative density: N/A
Solubility: Insoluble in water

Section 10

Stability and Reactivity

Conditions to avoid: None
Materials to avoid: Acid surrounding.
Hazardous decomposition products: No hazardous decomposition products are expected during normal use of this product. However, during flaming conditions or excessive heating the following may be emitted: carbon monoxide, carbon dioxide, oxides of nitrogen, cyanides, formaldehyde.

Section 11

Toxicological information

Routes of entry: None
Ingestion: None
Inhalation: Health effects are expected from inhalation exposure.
Skin and Eyes: Eye contact is not expected to occur during normal use of this product. Mechanical eye irritation: irritation, redness, scratching of the cornea and tearing.

Section 12

Ecological Information

Fatty alcohol polyglycoether

Section 13

Disposal Considerations

None

Section 14

Transport Information


No special care necessary

Section 15

Regulatory Information

Labels

P 280: protective goggles  P 126: protective face mask 

GHS 05: corrosive 

SECTION 16

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THIS PRODUCT IS NOT REGULATED, AND A MATERIAL DATA SHEET IS NOT REQUIRED FOR THIS PRODUCT BY THE OSHA HAZARD COMMUNICATION STANDARD.

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