

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 compound

Polistar Beige

Company identification:

HATHO GmbH

Freiburger Straße 18

79427 Eschbach

Germany

Emergency telephone:

phone: ++ 49-7634-5039 0

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phone: ++ 49-7634-5039 0

Section 2

Chemical identification:

Information on ingredients

Aluminium oxide

~ 60 - 80%

Diethanolamine

~ 0,1 - 0,5%

H302, H315, H318,
H361fd, H373

Paraffin and hydrocarbon waxes

~ 5 - 10%

Hazardous ingredients:

This product does not contain any hazardous ingredients.

For full text of H-phrases see section 16

Section 3

Human hazards:

Hazards Identification

To our knowledge, the product does not present any particular risk, under normal conditions of use.

Environmental hazards:

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)

Labelling elements

Safety instructions: M016: Use respiratory protection

M004: Use eye protection



Section 4

Skin:

First aid Measures

Wash skin thoroughly with mild soap and water. If skin irritation or rash occurs: Get medical advice/attention.

Eyes:

Rinse with water while holding the eyes wide open. If eye irritation persists: Get medical advice/attention.

Inhalation:

Move the affected person to the fresh air. If you feel unwell, seek medical advice.

Ingestion:

Get medical advice and attention if you feel unwell.

Section 5

Extinguishing media:

Fire Fighting Measures

Water spray, Powder, Foam, Carbon dioxide, Sand

Special hazards arising from the substance or mixture:

Hazardous decomposition products in case of fire:

Toxic fumes may be released. Carbon oxides (CO, CO₂).

Advice for firefighters:

firefighting instructions:

Contain the extinguishing fluids by bunding. Cool down the containers exposed to heat with a water spray. Do not dispose of fire-fighting water in the environment.

Protection during firefighting:

Do not attempt to take action without suitable protective equipment.

Self-contained breathing apparatus. Complete protective clothing.

Section 6	
Personal precautions, protective equipment and emergency procedures:	Do not attempt to take action without suitable protective equipment. Avoid contact with skin and eyes. Avoid dust formation.
Environmental precautions:	Do not allow product to spread into the environment.
Methods and material for containment and cleaning up:	Mechanically recover the product. Wash contaminated area with large amounts of water. Dispose of materials o solid residues at an authorized site
Section 7	
Precaution for safe Handling:	Handling and storage Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice. Do not drink, eat or smoke in the workplace. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
Storage conditions:	Keep in a cool, well-ventilated place. Keep away from heat. Protect from sunlight.
Incompatible materials:	Strong acids. Oxidation agents.
Packaging materials:	Original packaging.
Section 8	
General:	Exposure controls/personal protection Use general rules for rotation instruments.
Personal protection:	Wear eye protection: safety glasses Skin and body protection: Protective clothing Hand protection: Protective gloves for frequent longer or intensive skin contact.
Respiratory protection:	Avoid breathing of dust created by cutting, sanding or grinding. In case of insufficient ventilation, wear suitable respiratory equipment
Recommended monitoring procedures:	No additional information available
Air contaminants formed:	No additional information available
DNEL and PNEC:	No additional information available
No additional information available	No additional information available
Control banding:	No additional information available
Exposure controls:	Appropriate engineering controls
Appropriate engineering controls:	Ensure good ventilation of the work station.
Section 9	
Appearance:	Physical and Chemical Properties Solid
Odour:	Slight.
Odour threshold:	Not available
Melting point:	39 – 62 °C
Freezing point:	Not available
Boiling point:	Not available
Flammability:	The product is not flammable
Explosive properties:	Not explosive.
Oxidising properties:	Non oxidizing material according to EC criteria.
Explosive limits:	Not applicable
Lower explosive limit (LEL):	Not applicable
Upper explosive limit (UEL):	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	Not applicable
Decomposition temperature:	Not available
pH:	Not available
pH solution:	Not available
Viscosity, kinematic:	Not applicable
Solubility:	Insoluble.

Section 10**Reactivity:**

Chemical stability:

Possibility of hazardous reactions:

Conditions to avoid:

Incompatible materials:

Hazardous decomposition products:

Stability and Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

The product is stable at normal handling and storage conditions

No dangerous reactions known under normal conditions of use

High temperature

Strong acids. Strong oxidizers

Under normal conditions of storage and use, hazardous decomposition products should not be produced

Section 11

Acute toxicity (oral):

Acute toxicity (dermal):

Acute toxicity (inhalation):

Toxicological information

Not classified

Not classified

Not classified

Aluminium oxide (1344-28-1)	
LD50 oral rat	> 15900 mg/kg (OECD 401)
LC50 Inhalation - Rat (Dust/Mist)	> 888 mg/m ³ air (OECD 403 method)

2,2'-iminodiethanol (111-42-2)	
LD50 oral rat	1100 mg/kg (OECD 401 method)

Skin corrosion/irritation

Not classified

Serious eye damage/irritation

Not classified

Respiratory or skin sensitisation:

Not classified

Germ cell mutagenicity:

Not classified

Carcinogenicity:

Not classified

Reproductive toxicity:

Not classified

STOT-single exposure:

Not classified

STOT-repeated exposure:

Not classified

Aspiration hazard:

Not classified (Not applicable)

Section 12

Ecotoxicity:

Not examined

mobility in soil:

Not examined

Persistence and degradability:

Easily biodegradable

bioaccumulative potential:

Not examined

Results of PBT and vPvB assessment:

Not applicable

Ecological Information**Section 13**

Waste treatment methods:

Disposal Considerations

Dispose of at an licensed site. Dispose of in accordance with relevant local regulations.

Additional information:

Empty the packaging completely prior to disposal. Reuse or recycle following decontamination.

Section 14

Information applies to see (IMDG)

Not a hazardous material as defined by transport regulations.

Road/Rail (ADR/RID)

Not applicable

Inland shipping (AND/ANDR)

Not applicable

Air (IATA, ICAO)

Not applicable

UN proper shipping name

ADR, AND, IATA, IMDG

Not applicable

Transport Information

Transport hazard classes ADR, AND, IATA	Not applicable
IMDG Class	Not applicable
Packaging ADR, AND, IATA, IMDG	Not applicable
Section 15 EU-Regulations:	Regulatory Information Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals. Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants
National regulations:	No additional information available
Chemical Safety Assessment:	The product contains substances for which substance evaluations are not yet are required. Therefore, the mixture has not yet been subjected to a safety assessment.
Section 16 H-statements	Other Information Acute Tox. 4 (ORAL): Acute Toxicity (Oral), Category 4. Eye Dam. 1 : Serious eye damage/eye irritation, Category 1 Repr. 2 : Reproductive Toxicity, Category 2 Skin Irrit.2: Skin burn/irritation, Category 2 STOT RE 2: Specific target organ toxicity- Repeated exposure, Category 2 H302: Harmful if swallowed. H315: Causes skin irritation H318: Causes serious eye damage H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.
Training instructions:	Provide adequate information, instructions and training for users and workers.
Source & contact reference:	SDS of suppliers. ECHA (European Chemicals Agency).
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