

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 Green

Company identification:

HATHO GmbH

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79427 Eschbach

Germany

Emergency telephone:

phone: ++ 49-7634-5039 0

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Section 2

Chemical identification:

Information on ingredients

Aluminium oxide

~ 50-70 %

Paraffin and Hydrocarbon waxes

~ 5-10 %

Barium sulfate

~ 15-25 %

Chromium oxide

~ 1-5 %

Diethanolamine

~ 0,1-0,5 %

H302, H315, H318,
H361fd, H373

Hazardous ingredients:

For full text of H-phrases see section 16

Section 3

Human hazards:
Environmental hazards:

Hazards Identification

In case of correct use there is no health effect known.

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:

Eyes:

Inhalation:

Ingestion:

First aid Measures

Rinse skin thoroughly with mild soap and water.

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

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

Get medical advice and attention if you feel unwell.

Section 5

Extinguishing media:

Special hazards arising

From the substance or mixture:

Advice for firefighters:

Fire Fighting Measures

Water spray, powder, foam, carbon dioxide (CO₂), sand.

Hazardous decomposition products in case of fire:
Toxic fumes may be released. Carbon oxides (CO, CO₂).

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

Accidental Release measures

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 or solid residues at an authorized site
Section 7	Handling and storage
Precaution for safe Handling:	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	Exposure controls/personal protection
General:	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	Physical and Chemical Properties
Appearance:	paste
Colours:	green
Odour:	not available
Melting point:	39-62°C (102-144 °F)
Boiling point:	not available
Flammability:	The product is not flammable
Explosive properties:	Not explosive
Oxidising properties:	Non oxidizing material according to EC criteria
Relative density:	not available
Solubility:	Insoluble
PH:	not available
Section 10	Stability and Reactivity
Reactivity:	To our knowledge, the product does not present any particular risk, under normal conditions of use.
Chemical stability:	The product is stable at normal handling and storage conditions

Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use
Conditions to avoid:	High temperature
Incompatible materials	Strong acids. Strong oxidizers.
Section 11	Toxicological information
Acute toxicity (oral):	Not classified
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
Acute toxicity (oral):	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)
Iminodiethanol (111-42-2)	
LD50 oral rat	1100 mg/kg (OECD 401 method)
Barium sulfate (7727-43-7)	
LD50 oral rat	>5000 mg/kg
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	Ecological Information
Ecotoxicity:	Not classified
Mobility in soil:	No additional information available
Persistence and degradability:	No additional information available
Bioaccumulate potential:	No additional information available
Results of PBT and vPvB assessment:	Not applicable
Section 13	Disposal Considerations
Waste treatment methods:	Dispose of at a 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	Transport Information
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	Not applicable
IMDG	
Transport hazard classes ADR, AND, IATA	Not applicable
IMDG Class	Not applicable
Packaging ADR, AND, IATA, IMDG	Not applicable
Section 15	Regulatory Information
EU-Regulations:	<p>Contains no REACH substances with Annex XVII restrictions</p> <p>Contains no substance on the REACH candidate list</p> <p>Contains no REACH Annex XIV substances</p> <p>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.</p> <p>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</p>
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	Other Information
H-statements	<p>Acute Tox. 4 (ORAL): Acute Toxicity (Oral), Category 4.</p> <p>Eye Dam. 1 : Serious eye damage/eye irritation, Category 1</p> <p>Repr. 2 : Reproductive Toxicity, Category 2</p> <p>Skin Irrit.2: Skin burn/irritation, Category 2</p> <p>STOT RE 2: Specific target organ toxicity- Repeated exposure, Category 2</p> <p>H302: Harmful if swallowed.</p> <p>H315: Causes skin irritation</p> <p>H318: Causes serious eye damage</p> <p>H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.</p> <p>H373: May cause damage to organs through prolonged or repeated exposure.</p>
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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