

# Safety Data Sheet

## Regulation (EC) No. 1907/2006 and 1272/2008

Printing Date: April 19, 2021

Version No.: 1.0

Revision: April 19, 2021

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** Polishing compound/ Polishing paste
- **Registration number:** No available data.
- **UFI number:** No available data.
- **Other means of identification:** No available data.
- **1.2 Relevant identified uses of the substance or mixture and uses advised against on**
- **Application of the substance/ mixture:** Polishing agent of surface.
- **Uses advised against:** No data available.
- **Reason why uses advised against:** No data available.

- **1.3 Details of the supplier of the safety data sheet**

- **Supplier:**

LINE10 Tools

11 Progress Ave Scarborough ON M1P4S7

Tel: 1(855)888-8234

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **2.1.1 Classification according to regulation (EC) 1272/2008:** The product is not classified according to CLP Regulation.

Regulation (EC) No 1272/2008 [CLP]	Classification procedure
Not applicable	Not applicable

- **2.2 Label elements**
- **Labeling according to Regulation (EC) No 1272/2008:** The product is not labelled according to CLP Regulation.
- **Hazard pictograms:** Not applicable
- **Signal word:** Not applicable
- **Hazard-determining components of labelling:** Not applicable
- **Hazard statements:** Not applicable
- **Precautionary statement:** Not applicable
- **Supplemental label elements:** Not applicable

- **2.3 Other hazards**

None ingredients ( $\geq 0.1\%$ ) meets the criteria for PBT/vPvB in accordance with Annex XIII.None ingredients ( $\geq 0.1\%$ ) identified as having endocrine disrupting properties according to Regulation (EU) 2017/2100.

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**Trade Name:** Polishing compound/ Polishing paste**SECTION 3: Composition/information on ingredients**• **3.1 Substance**

Not applicable

• **3.2 Mixtures**• **Description of the mixture:** Polishing compound/ Polishing paste.**Ingredients:**

Substance	CAS No.	Index No.	EC No.	w/w, %	CLP Classification	SCL/M-factor/ATE
Aluminium oxide	1344-28-1	-	215-691-6	52-72	None	-
Mineral oil	8042-47-5	-	232-455-8	17-28	Asp. Tox. 1, H304	-
Animal fat	61789-97-7	-	263-099-1	10-20	None	-

**Additional information:**

Full text of H- and EUH-phrases: see SECTION 16

**SECTION 4: First aid measures**• **4.1 Description of first aid measures****General advice:** No special immediate medical required.**After inhalation:** Supply with fresh air. Get medical attention if you feel unwell.**After skin contact:** No special measures required normally. If there are signs of irritation or other symptoms seek medical attention.**After eye contact:** Rinse eyes with water. If eye irritation occurs: Get medical advice/attention.**After swallowing:** Wash mouth. Get medical attention if you feel unwell.• **4.2 Most important symptoms and effects, both acute and delayed:** No known symptoms or effects.• **4.3 Indication of any immediate medical attention and special treatment needed:** No special immediate medical attention or special treatment needed.**SECTION 5: Fire-fighting measures**• **5.1 Extinguishing media**• **Suitable extinguishing agents:** Use CO<sub>2</sub>, chemical powder, water spray or alcohol resistant foam to extinguish.• **Unsuitable extinguishing media:** Water with full jet.• **5.2 Special hazards arising from the substance or mixture:** May produce toxic vapor in air under fire.• **5.3 Advice for firefighters****Protective equipment:** Wear self-contained breathing apparatus for firefighting.**SECTION 6: Accidental release measures**• **6.1 Personal precautions, protective equipment and emergency procedures**• **6.1.1 For non-emergency personnel****Protective equipment:** Dust mask.**Emergency procedures:** Ensure good ventilation; Wear dust mask.

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• **6.1.2 For emergency responders**

**Personal protective equipment:** Protective gloves/ eye protection/ face protection/ dust mask.

• **6.2 Environmental precautions:**

Prevent further leakage or spillage if safe to do so; Prevent spillage from entering drains, sewer, basement or confined areas; if the spillage contaminates rivers, lakes or drains inform respective authorities.

• **6.3 Methods and material for containment and cleaning up:**

Pick up mechanically; Ensure good ventilation; Dispose contaminated material as waste according to section 13.

• **6.4 Reference to other sections:**

See section 7 for information on safe handling; See section 8 for information on personal protection equipment; See section 13 for disposal information.

### SECTION 7: Handling and storage

• **7.1 Precautions for safe handling:** Ensure good ventilation at workplace; Keep away from heat source.

• **Information about fire and explosion protection:** Normal measures for preventive fire protection.

• **7.2 Conditions for safe storage, including any non-compatibility**

• **Requirements to be met by storerooms and receptacles:** Store in a cool and well-ventilated place.

• **Information about storage in one common storage facility:** Keep out of reach of children.

• **Further information about storage conditions:** Store locked up.

• **Storage class:** 13.

• **7.3 Specific end use(s):** See section 1.2.

### SECTION 8: Exposure controls/personal protection

• **8.1 Control parameters**

• **Ingredients with limit values that require monitoring at the workplace:**

Country	Limit value - Eight hours	Limit value - Short term
1344-28-1 Aluminium oxide		
Austria	5 mg/m <sup>3</sup> Respirable aerosol	10 mg/m <sup>3</sup> Respirable aerosol
Denmark	5 mg/m <sup>3</sup> Respirable aerosol	10 mg/m <sup>3</sup> Respirable aerosol
France	10 mg/m <sup>3</sup> Respirable aerosol	-
Germany (DFG)	4 mg/m <sup>3</sup> Inhalable aerosol; 1.5 mg/m <sup>3</sup> Respirable aerosol	-
Hungary	6 mg/m <sup>3</sup> Respirable aerosol	-
Ireland	10 mg/m <sup>3</sup> Inhalable fraction; 4 mg/m <sup>3</sup> Respirable fraction	-
Latvia	6 mg/m <sup>3</sup>	-
Poland	2.5 mg/m <sup>3</sup> fume, total dust	16 mg/m <sup>3</sup>
Spain	1.2 mg/m <sup>3</sup> fume, respirable dust	-
Sweden	5 mg/m <sup>3</sup> Inhalable fraction; 2 mg/m <sup>3</sup> Respirable fraction	-
United Kingdom	10 mg/m <sup>3</sup> Inhalable fraction; 4 mg/m <sup>3</sup> Respirable fraction	-
8042-47-5 Mineral oil		
Germany (AGS)	5 mg/m <sup>3</sup> Respirable fraction	20 mg/m <sup>3</sup> 15 minutes average value

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Germany (DFG)	5 mg/m <sup>3</sup> Respirable fraction	20 mg/m <sup>3</sup> 15 minutes average value
Finland	1mg/m <sup>3</sup>	-
France	2mg/m <sup>3</sup>	-
Ireland	2mg/m <sup>3</sup>	6mg/m <sup>3</sup> 15 minutes reference period
Poland	2mg/m <sup>3</sup>	-
Spain	2mg/m <sup>3</sup>	-
United Kingdom	2mg/m <sup>3</sup>	6mg/m <sup>3</sup>

**• DNELs:**

DNEL type		DNEL worker value	DNEL consumer value
1344-28-1 Aluminium oxide			
Systemic effects	Long-term, inhalation exposure	15.63 mg/m <sup>3</sup>	-
	Long-term, oral exposure	-	3.29 mg/kg bw/day
Local Effects	Long-term, inhalation exposure	15.63 mg/m <sup>3</sup>	-

**• PNECs:**

PNEC type	Value
1344-28-1 Aluminium oxide	
Sewage treatment plant (STP)	20 mg/L

**• Additional information:** The lists valid during the marking were used as basis.**• 8.2 Exposure controls****• Based on the composition shown in section 3, the following measures are suggested for occupational safety measure.****• Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice; See section 7 for information about design of technical facilities.

**• Personal protective equipment****• Eye and face protection:** No special eye and face protection required.**• Skin protection****• Hand protection:** No special protection of hands required.**• Other skin protection:** No special protection of body required.**• Respiration protection:** Dust mask is recommended.**• Thermal hazards:** No special requirement.**• Environmental exposure controls:**

Control measures must be made in accordance with Community environmental protection legislation.

**SECTION 9: Physical and chemical properties****• 9.1 Information on basic physical and chemical properties**

• Physical state	Solid
• Color	Black, Grey, Brown, Red, White, Green
• Odor & Odor threshold	Odorless
• Melting point/freezing point	Not determined

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• <b>Boiling point or initial boiling point and boiling range</b>	218°C (Mineral oil)
• <b>Flammability</b>	Not flammable solid
• <b>Lower and upper explosion limit</b>	Not determined
• <b>Flash point</b>	112°C (Mineral oil)
• <b>Auto-ignition temperature</b>	Not applicable
• <b>Decomposition temperature</b>	Not determined
• <b>pH</b>	Not determined, this product is insoluble in water
• <b>Kinematic viscosity (mm<sup>2</sup>/s)</b>	>20.5 at 40°C
• <b>Solubility</b>	Insoluble in water
• <b>Partition coefficient n-octanol/water (log value)</b>	Not determined
• <b>Vapor pressure</b>	Not applicable
• <b>Density and/or relative density</b>	Not determined
• <b>Relative vapor density</b>	Not applicable
• <b>Particle characteristics</b>	Not determined
• <b>9.2 Other information</b>	
• <b>9.2.1 Information with regard to physical hazard classes:</b>	
• <b>Explosives</b>	Not applicable
• <b>Flammable gases</b>	Not applicable
• <b>Aerosols</b>	Not applicable
• <b>Oxidising gases</b>	Not applicable
• <b>Gases under pressure</b>	Not applicable
• <b>Flammable liquids</b>	Not applicable
• <b>Flammable solids</b>	Not applicable
• <b>Self-reactive substances and mixtures</b>	Not applicable
• <b>Pyrophoric liquids</b>	Not applicable
• <b>Pyrophoric solids</b>	Not applicable
• <b>Self-heating substances and mixtures</b>	Not applicable
• <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Not applicable
• <b>Oxidizing liquids</b>	Not applicable
• <b>Oxidizing solids</b>	Not applicable
• <b>Organic peroxides</b>	Not applicable
• <b>Corrosive to metals</b>	Not applicable
• <b>Desensitised explosives</b>	Not applicable
• <b>9.2.2 Other safety characteristics</b>	
• <b>Mechanical sensitivity</b>	Not applicable
• <b>Self-accelerating polymerisation temperature</b>	Not applicable
• <b>Formation of explosible dust/air mixtures</b>	Not applicable
• <b>Acid/alkaline reserve</b>	Not applicable
• <b>Evaporation rate</b>	Not applicable
• <b>Miscibility</b>	Not applicable
• <b>Conductivity</b>	Not applicable
• <b>Corrosiveness</b>	Not applicable

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• Gas group	Not applicable
• Redox potential	Not applicable
• Radical formation potential	Not applicable
• Photocatalytic properties	Not applicable
• Other physical and chemical parameters	Not determined

### SECTION 10: Stability and reactivity

- **10.1 Reactivity:** The product is no-reactive under normal conditions of use, storage and transport.
- **10.2 Chemical stability:** Under storage at normal ambient temperatures, the product is stable.
- **10.3 Possibility of hazardous reactions:** No known hazardous reaction.
- **10.4 Conditions to avoid:** High temperature.
- **10.5 Incompatible materials:** Strong acids and oxidizing agents.
- **10.6 Hazardous decomposition products:** No known hazardous decomposition products.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- LD50/LC50 values relevant for classification:** No available data.
- **Skin corrosion/irritation:** Based on available data, the classification criteria are not met.
- **Serious eyes damage/ irritation:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization:** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.
- **Carcinogenicity:** Based on available data, the classification criteria are not met.
- **Reproductive toxicity:** Based on available data, the classification criteria are not met.
- **Summary of evaluation of the CMR properties:** This mixture is not classified as CMR mixture.
- **STOT-single exposure:** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure:** Based on available data, the classification criteria are not met.
- **Aspiration hazard:** Based on available data, the classification criteria are not met.

#### 11.2 Information on other hazards

##### 11.2.1 Endocrine disrupting properties:

None ingredient ( $\geq 0.1\%$ ) is considered to have endocrine-disrupting properties with respect to humans as it meets the criteria set out in section A of Regulation (EU) No 2017/2100.

##### 11.2.2 Other information:

No known other relevant information on adverse health effects.

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### SECTION 12: Ecological information

#### • 12.1 Toxicity:

LC50/EC50/NOEC values relevant for classification:	
1344-28-1 Aluminium oxide	
Short-term toxicity to fish	LC50 (72 h) 10 - 19.3 mg/L
Long-term toxicity to fish	NOEC (28 days) 4.7 - 23.1 mg/L
Short-term toxicity to aquatic invertebrates	LC50 (72 h) 74.3 mg/L
Toxicity to aquatic algae and cyanobacteria	NOEC (6 days) 1 g/L
Toxicity to aquatic plants other than algae	NOEC (7 days) 2.76 mg/L NOEC (4 days) 45.7 mg/L
Toxicity to microorganisms	NOEC (14 h) 1 g/L

• 12.2 Persistence and degradability: No available data.

• 12.3 Bio-accumulative potential: No available data.

• 12.4 Mobility in soil: No available data.

#### • 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances ( $\geq 0.1\%$ ) that are assessed to be a PBT or a vPvB.

#### • 12.6 Endocrine disrupting properties:

None ingredient ( $\geq 0.1\%$ ) has endocrine disrupting properties with respect to non-target organisms as it does not meet the criteria set out in section B of Regulation (EU) No 2017/2100.

• 12.7 Other adverse effects: No known other adverse effects.

#### • 12.8 Additional ecological information

• **General notes:** WGK1 (German Regulation) (self-assessment): Low hazard to waters.

Do not allow large quantities of the product to reach ground water, water course or sewage system.

### SECTION 13: Disposal consideration

#### • 13.1 Waste treatment methods

• **Recommendation:** Small quantities can be disposed together with household garbage; Large quantities disposed must be according to the local/regional/national/ international regulation.

#### • 13.2 Un-cleaned packaging

• **Recommendation:** Dispose of contents/container in according to the local/regional/national/ international regulation.

### SECTION 14: Transport information

• 14.1 UN-Number ADR, RID, ADN, IMDG, IATA	Not regulated as dangerous transport goods, not applicable
• 14.2 UN proper shipping name ADR, RID, ADN, IMDG, IATA	Void
• 14.3 Transport hazard class (es)	



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ADR, RID, ADN, IMDG, IATA	
Class	Void
Label	Void
· 14.4 Packing group	
ADR, RID, ADN, IMDG, IATA	Void
· 14.5 Marine pollution	No
· 14.6 Special precautions for user	Void
· Danger code (Kemler)	Void
· EMS number	Void
· 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Void

### SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

· MAK (German Maximum Workplace Concentration):

1344-28-1	Aluminium oxide	4
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· Directive 2012/18/EU

· Named dangerous substances-ANNEX I: None of the ingredients is listed.

· Seveso category: Not applicable

· Qualifying quantity (tonnes) for the application of lower-tier requirements: Not applicable

· Qualifying quantity (tonnes) for the application of upper-tier requirements: Not applicable

· National regulations.

· Water hazard class: WGK1 (German Regulation) (self-assessment): Low hazard to waters.

· Other regulations, limitations and prohibitive regulations

· SVHC Candidate list of REACH Regulation Annex XIV Authorization: None of the ingredients is listed.

· REACH Regulation Annex XVII Restriction: None of the ingredients is listed.

· REACH Regulation Annex XIV Authorization List: None of the ingredients is listed.

· 15.2 Chemical safety assessment: A Chemical Safe Assessment has not been carried out.

### SECTION 16: Other information

· 16.1 Indication of changes:

Not applicable

16.2 Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

PBT: Persistent, Bio accumulative and Toxic



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vPvB: very persistent and very bio accumulative

SVHC: Substance of Very High Concern

LD50: Lethal dose, 50 percent

LC50: Lethal concentration, 50 percent

EC50: Concentration of maximal effect, 50 percent

NOEC: No observed effect concentration

Asp. Tox. 1: Aspiration toxicity, hazard category 1

**• 16.3 Key literature references and sources for data**<https://echa.europa.eu/><https://chem.nlm.nih.gov/><https://www.osha.gov/><http://www.unece.org/><http://www.imo.org/><https://www.dguv.de/><https://epa.govt.nz/><http://www.ilo.org/><https://www.phmsa.dot.gov/>**• 16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:**

Not applicable

**• 16.5 Relevant H- and EUH-phrases (number and full text):**

H304 May be fatal if swallowed and enters airways

**• 16.6 Training advice:**

Workers must be educated and trained so they understand the hazards, and know how to work safely with hazardous products.

**• 16.7 Further information**

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No 2020/878 and (EC) No 1272/2008.

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End of safety data sheet