



# Safety Data Sheet

## FLITZ Metal Polish- PASTE

### 1. Identification

#### Product identifier

Flitz Metal Polish Paste; BU03515, BU03511, BP03511, CA03516, CA03518, CA03588

#### Recommended use of the chemical and restrictions on use

##### **Use of the substance/mixture**

polishing compound

##### **Uses advised against**

any non-intended use

#### Details of the supplier of the safety data sheet

Company name: FLITZ INTERNATIONAL, LTD.  
Premium Metal Polishing Products  
Street: 821 Mohr Avenue  
Place: USA-53185-4257 Waterford, WI  
Telephone: 001 262 534 5898      Telefax: 2625342991  
E-mail: info@flitz.com  
Internet: www.flitz.com      Telephone: 262-332-6828

### 2. Hazard(s) identification

#### Classification of the chemical

##### **Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

#### Label elements

##### **Regulation (EC) No 1272/2008**

##### **Additional advice on labelling**

none

#### Hazards not otherwise classified

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.  
This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.

### 3. Composition/information on ingredients

#### Mixtures

##### **Chemical characterization**

This product does not contain any hazardous substances that need to be listed in Chapter 3 pursuant to Commission Regulation (EU) No 2020/878, Annex II, Part A, 3.1/3.2.

Further information

The product does not contain any SVHC substances listed at concentrations exceeding 0.1% in accordance with Regulation (EC) No 1907/2006, Article 59 (REACH).

#### Hazardous components

CAS No	Components	Quantity
	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cycloalkanes, < 2% aromatics	20.4 %
	Hydrocarbons, C11-C14- n-alkanes, iso-alkanes, cyclic, <2% aromatics	4 %



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1336-21-6	ammonia 25%	3.7 %
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Full text of H and EUH statements: see section 16.

### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Components	Quantity
		Specific Conc. Limits, M-factors and ATE	
	917-488-4	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cycloalkanes, < 2% aromatics	20 - < 25 %
		dermal: LD50 = >5000 mg/kg; oral: LD50 = >15000 mg/kg	
	926-141-6	Hydrocarbons, C11-C14- n-alkanes, iso-alkanes, cyclic, <2% aromatics	1 - < 5 %
		inhalation: LC50 = >20 mg/l (vapours); dermal: LD50 = >5000 mg/kg; oral: LD50 = >5000 mg/kg	
1336-21-6	215-647-6	ammonia 25%	1 - < 5 %
		STOT SE 3; H335: >= 5 - 100	

### Further Information

5- < 15% aliphatic hydrocarbons.

Aqueous ammonia solutions (CAS 1336-21-6): A REACH registration has been filed for ammonia gas (registration number 01-2119488876-14-xxxx).

## 4. First-aid measures

### Description of first aid measures

#### General information

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### After inhalation

Provide fresh air. Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician.

#### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

#### After ingestion

Rinse mouth immediately and drink 1 glass of water. Rinse mouth thoroughly with water. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. When in doubt or if symptoms are observed, get medical advice. Dar leite para beber

### Most important symptoms and effects, both acute and delayed

Causes skin and eye irritation. In rare cases the product can cause temporary erythema of the skin.

### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 5. Fire-fighting measures

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### Extinguishing media

#### **Suitable extinguishing media**

Non-combustible solids that cannot be assigned to any of the above storage classes Co-ordinate fire-fighting measures to the fire surroundings. Dry extinguishing powder Carbon dioxide (CO<sub>2</sub>) alcohol resistant foam

#### **Unsuitable extinguishing media**

Full water jet

### Specific hazards arising from the chemical

Non-flammable. In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>)

### Special protective equipment and precautions for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.  
Co-ordinate fire-fighting measures to the fire surroundings.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### **General advice**

Personal precautions  
Avoid dust formation. Do not breathe dust.  
Safe handling: see section 7  
Personal protection equipment (PPE): see section 8

#### **For non-emergency personnel**

Personal precautions  
Use personal protection equipment.

#### **For emergency responders**

Personal precautions  
Use personal protection equipment.

### Environmental precautions

Do not allow to enter into surface water or drains. Release into the environment must be avoided

### Methods and material for containment and cleaning up

#### **For containment**

Take up mechanically, placing in appropriate containers for disposal.

#### **For cleaning up**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

#### **Other information**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

### Reference to other sections

Safe handling: see section 7  
Personal protection equipment (PPE): see section 8  
Disposal: see section 13 Disposal: see section 13

## 7. Handling and storage

### Precautions for safe handling

#### **Advice on safe handling**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Avoid dust formation. Do not breathe dust. Wear personal protection equipment (refer to

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section 8).

### Advice on protection against fire and explosion

Usual measures for fire prevention.

### Further information on handling

Advices on general occupational hygiene Wear personal protection equipment (refer to section 8).

### Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep container tightly closed in a cool, well-ventilated place.

#### Hints on joint storage

Do not store together with:  
acids not otherwise specified  
Food and feedingstuffs

#### Further information on storage conditions

Keep the packing dry and well sealed to prevent contamination and absorption of humidity. Recommended storage temperature 20 °C  
Protect against: Frost UV-radiation/sunlight Heat Humidity

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure limits

CAS No	Substance	ppm	mg/m <sup>3</sup>	f/cc	Category	Origin
1344-28-1	alpha-Alumina Respirable fraction	-	5		TWA (8 h)	PEL
7664-41-7	Ammonia	50	35		TWA (8 h)	PEL
		25	18		TWA (8 h)	REL
		35	27		STEL (15 min)	REL
7664-41-7	Ammonia	25	17		TWA (8 h)	ACGIH-2025
		35	24		STEL (15 min)	ACGIH-2025

#### Additional advice on limit values

The general limit values of 1.25 mg/m<sup>3</sup> for the alveolar fraction (A dust) and 10 mg/m<sup>3</sup> for the inhalable fraction (E dust) must be observed. A single-shift average value must not exceed 3 mg/m<sup>3</sup> for the A dust fraction. For further details, see TRGS 900

### Exposure controls

#### Appropriate engineering controls

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

#### Eye/face protection

Wear eye protection/face protection. Eye glasses with side protection EN 166

#### Hand protection

Use protective skin cream before handling the product. ou Wear protective gloves.



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Recommended material: NBR (Nitrile rubber) Butyl caoutchouc (butyl rubber) FKM (fluoro rubber) PP (Polypropylene)

### Skin protection

Use of protective clothing. Suitable protective clothing: lab coat  
Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection. Respiratory protection necessary at:  
Limit value  
bei insufficient ventilation, aerosol or mist formation  
Use suitable breathing apparatus. Particle filter device (EN 143) Filtro tipo P1  
The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

### Environmental exposure controls

No special measures are necessary.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state:	Liquid viscous
Color:	blue
Odor:	charakteristisch, mild
Odour threshold:	not determined

	<b>Test method</b>
pH-Value (at 20 °C):	8-10

### Changes in the physical state

Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	not applicable berechnet
Sublimation point:	not determined
Softening point:	not applicable
Pour point:	not determined
Flash point:	not applicable
Sustained combustibility:	No sustained combustibility

### Flammability

Solid/liquid:	not determined
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### Explosive properties

The product is not: Explosive.

Lower explosion limits:	not determined
Upper explosion limits:	not determined
Auto-ignition temperature:	not determined

### Self-ignition temperature

Solid:	not determined
Gas:	not determined

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### **Oxidizing properties**

The product is not: oxidising.

Vapor pressure: (at 20 °C)	not determined
Density (at 20 °C):	1,1-1,3 g/cm <sup>3</sup>
Bulk density:	not determined
Water solubility:	not determined OECD 116
<b>Solubility in other solvents</b> not determined	
Partition coefficient n-octanol/water:	not determined
Viscosity / dynamic:	not determined DIN 51550
Viscosity / kinematic: (at 40 °C)	1008 mm <sup>2</sup> /s DIN 53019
Flow time:	not determined
Evaporation rate:	not determined

### **Other information**

Solid content:	30-32
nehum	

## 10. Stability and reactivity

### **Reactivity**

No information available.

### **Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature. To prevent thermal decomposition, do not overheat.

### **Possibility of hazardous reactions**

Materials to avoid acids not otherwise specified

### **Conditions to avoid**

Protect against: Protect from direct sunlight. UV-radiation/sunlight

### **Incompatible materials**

Materials to avoid  
acids not otherwise specified

### **Hazardous decomposition products**

In case of fire may be liberated: Carbon monoxide Carbon dioxide (CO<sub>2</sub>)  
It may react with acids to form carbon dioxide (CO<sub>2</sub>) and thus displace oxygen (risk of suffocation).

### **Further information**

It may react with acids to form carbon dioxide (CO<sub>2</sub>) and thus displace oxygen (risk of suffocation).

## 11. Toxicological information

### **Information on toxicological effects**

#### **Toxicocinetics, metabolism and distribution**

No data available



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### Acute toxicity

Based on available data, the classification criteria are not met.

### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Components					
	Exposure route	Dose	Species	Source	Method	
	Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cycloalkanes, < 2% aromatics					
	oral	LD50 >15000 mg/kg	Rat	OECD 401		
	dermal	LD50 >5000 mg/kg	Ratte	OECD 403		
	Hydrocarbons, C11-C14- n-alkanes, iso-alkanes, cyclic, <2% aromatics					
	oral	LD50 >5000 mg/kg	Ratte			
	dermal	LD50 >5000 mg/kg	Ratte			
	inhalation (4 h) vapour	LC50 >20 mg/l	Ratte			

### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

### Sensitizing effects

Based on available data, the classification criteria are not met.

### Carcinogenic/mutagenic/toxic effects for reproduction

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.

### Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met.

### Specific target organ toxicity (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.

### Specific effects in experiment on an animal

No data available

### Information on other hazards

#### Endocrine disrupting properties

No data available

### Further information

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## 12. Ecological information

### Ecotoxicity

The product has not been tested.

### Persistence and degradability



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The product has not been tested.

### **Bioaccumulative potential**

No indication of bioaccumulation potential.

### **Mobility in soil**

No data available

### **Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No data available

### **Other adverse effects**

No information available.

### **Further information**

Avoid release to the environment. Do not allow to enter into surface water or drains.

## 13. Disposal considerations

### **Waste treatment methods**

#### **Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. Observe in addition any national regulations! Consult the appropriate local waste disposal expert about waste disposal. Non-contaminated packages may be recycled. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Vorschlag zu Waste codes/waste designations according to EWC/AVV

#### **Contaminated packaging**

Wash with plenty of water. Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

## 14. Transport information

### **Marine transport (IMDG)**

**UN number:** No dangerous good in sense of this transport regulation.

**UN proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

### **Air transport (ICAO-TI/IATA-DGR)**

**UN number:** No dangerous good in sense of this transport regulation.

**UN proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

### **Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

### **Special precautions for user**

siehe Abschnitt 6-8

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Não relevante



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### 15. Regulatory information

#### U.S. Regulations

##### National regulatory information

SARA Section 304 CERCLA:

Ammonium hydroxide (1336-21-6): Reportable quantity = 1,000 (454) lbs. (kg)

SARA Section 311/312 Hazards:

Ammonium hydroxide (1336-21-6): Immediate (acute) health hazard

SARA Section 313 Toxic release inventory:

Aluminum oxide (fibrous forms) (1344-28-1): De minimis limit = 1.0 %, Reportable threshold = Standard

Ammonium hydroxide (1336-21-6): De minimis limit = 1.0 %, Reportable threshold = Standard

#### State Regulations

##### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

### 16. Other information

#### Changes

Revision date: 04/27/2026

Revision No: 1,0

Neuerstellung

#### Abbreviations and acronyms

Abbreviations and acronyms

CLP: Classification, labelling and Packaging

REACH: Registration, Evaluation and Authorization of Chemicals

GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals

UN: United Nations

CAS: Chemical Abstracts Service

DNEL: Derived No Effect Level

DMEL: Derived Minimal Effect Level

PNEC: Predicted No Effect Concentration

ATE: Acute toxicity estimate

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

LL50: Lethal loading, 50%

EL50: Effect loading, 50%

EC50: Effective Concentration 50%

ErC50: Effective Concentration 50%, growth rate

NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

IMDG: International Maritime Code for Dangerous Goods

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EmS: Emergency Schedules  
MFAAG: Medical First Aid Guide  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

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### Relevant H statements (full text)

H304	May be fatal if swallowed and enters airways
H314	Causes severe skin burns and eye damage
H400	Very toxic to aquatic life
EUH066	Repeated exposure may cause skin dryness or cracking.
EUH210	Safety data sheet available on request.

### Other data

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*