

The Treatment Metal Polish #71005

Date of Issue: March 20, 2019

Revision Date: March 20, 2019

Revision: 0

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name
Trade Name
CAS No.

Mixture
Metal Polish
Mixture

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)
Uses Advised Against

Polishing Paste for Metal Surfaces
None

Details of the supplier of the safety data sheet

Company Identification

Treatment Products Ltd.
4701 W. Augusta Blvd.
Chicago, IL 60651
United States of America

Telephone
Fax

773-626-8888; M-F 8:00 AM-5:30 PM EST
773-626-6200

Emergency telephone number

Emergency Phone No.

Infotrac 24 hr.: 1 (800) 535-5053; International: +1 (352) 323-3500.

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Eye Irrit. 2; Skin Irrit. 2; STOT SE 3

Label elements

Hazard Symbol(s)



WARNING

Signal Word(s)

Hazard Statement(s)

Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May cause respiratory irritation.

Precautionary Statement(s)

Wear protective gloves/protective clothing/eye protection/face protection.
Wash hands thoroughly after handling.
Avoid breathing dust/fume/gas/mist/vapours/spray.
IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
IF INHALED: Move person to fresh air. If symptoms persist, obtain medical attention.
IF SWALLOWED: Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Rinse mouth.

Other hazards

None

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Additional Information

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Composition/information on ingredients	* %W/W	CAS No.	Hazard classification
Morpholine	< 3	110-91-8	Flam. Liq. 3; H226 Acute Tox. 4; H302 Acute Tox. 3; H311, H331 Skin Corr. 1A; H314 Eye Dam. 1; H318 Aquatic Chronic 3; H412
Other proprietary ingredients	> 75	Various	Not classified as dangerous for supply/use.

Additional Information –

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Move person to fresh air. If symptoms persist, obtain medical attention.
Skin Contact	Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before reuse.
Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
Ingestion	Do not give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed

Causes skin irritation. Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

None

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or waterspray.
None anticipated.

Special hazards arising from the substance or mixture

Combustion or thermal decomposition will evolve toxic and irritant vapours. Carbon monoxide, Carbon dioxide

Advice for fire-fighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Environmental precautions

Avoid release to the environment. Contain effluent and prevent effluent from entering sewers and waterways.

Methods and material for containment and cleaning up

Contain spillages with sand, earth or any suitable adsorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

- Storage temperature
- Incompatible materials

Store at room temperature.

Avoid contact with heat and ignition sources and oxidizers.

Specific end use(s)

Polishing Paste for Metal Surfaces

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Morpholine	110-91-8	20 ppm	20 ppm	-----	-----	Skin

Exposure controls

Appropriate engineering controls

Not normally required.

Personal protection equipment

The following to be used as necessary:

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely. Check with protective equipment manufacturer's data.



Respiratory protection

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.



Thermal hazards

Not normally required.

Environmental Exposure Controls

Avoid release to the environment.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Paste
Color.	White
Odor	Slight Ammoniacal
Odor Threshold (ppm)	Not available.
pH (Value)	7-9
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	>100 (212 °F)
Flash Point (°C)	> 93 (> 200 °F)
Evaporation Rate	Not available.
Flammability (solid, gas)	Not applicable.
Explosive Limit Ranges	Not applicable.
Vapour pressure (hPa)	Not available.
Vapour Density (Air=1)	Not available.
Density (g/ml)	8.885
Solubility (Water)	Not available.
Solubility (Other)	Not available.
Partition Coefficient (n-Octanol/water)	Not available.
Auto Ignition Point (°C)	Not available.
Decomposition Temperature (°C)	Not available.
Kinematic Viscosity (cSt) @ 40°C	> 20.5
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Incompatible materials.
Incompatible materials	Avoid contact with heat and ignition sources and oxidizers and reducers.
Hazardous decomposition product(s)	Combustion or thermal decomposition will evolve toxic and irritant vapours. Forms: oxides of carbon and nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Morpholine (CAS# 110-91-8)

Acute toxicity	Oral: LD50: 1900 mg/kg (Guinea pig) Dermal: LD50: 500 mg/kg (rat)
Irritation / Corrosivity	Causes severe skin burns and eye damage.
Sensitisation	It is not a skin sensitiser.
Repeated dose toxicity	Not to be expected. NOAEL(oral): (91day), rat, male <69 mg/kg/day
Developmental Toxicity	Not to be expected.
Toxicity for reproduction	Not to be expected.
Mutagenicity	Not to be expected.
Carcinogenicity	Not to be expected.

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NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Other information

None

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Short term

Not to be expected.

Long Term

Not to be expected.

Persistence and degradability

Biodegradable

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

Not available.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

Additional Information

None known.

SECTION 14: TRANSPORT INFORMATION

UN number

Not classified as dangerous for transport.

Proper Shipping Name

Transport hazard class(es)

Packing group

Environmental hazards

Special precautions for user

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

U.S. DOT

Sea transport
(IMDG)

Air transport
(ICAO/IATA)

SECTION 15: REGULATORY INFORMATION

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	-----	-----	-----

SARA 311/312 - Hazard Categories: See SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	-----	-----

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

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Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)	TPQ (Pounds)
None	-----	-----	-----	-----

Proposition 65 (California):

Chemical Name	CAS No.	Typical %wt.	Hazards
None	-----	-----	-----

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

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Hazard Statement(s) Listed in: SECTION 3

- H226: Flammable liquid and vapour.
- H302: Harmful if swallowed.
- H311: Toxic in contact with skin.
- H314: Causes severe skin burns and eye damage.
- H318: Causes serious eye damage.
- H331: Toxic if inhaled.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.