

MATERIAL SAFETY DATA SHEET

BUFFY POLISH

MSDS DATE: 09/13/11

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: BUFFY POLISH
SYNONYMS: Metal, Plastic, Fiberglass Polish - Paste

MANUFACTURED FOR: Beaver Research Company
ADDRESS: 3700 East Kilgore Road
Portage Michigan 49002

EMERGENCY PHONE: 1-800-544-0133

OTHER CALLS: 269-382-0214 (M – F; 8AM to 5PM)
FAX PHONE: 269-382-0214

CHEMICAL DESCRIPTION: Mixture of water, fatty acids, emulsifiers, hydrocarbon, polishing minerals (Al₂O₃)

PRODUCT USE: Polishing compound for metal surfaces

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>
Hydrogenated Hydrocarbon	64742-47-8	5 – 25%	
Ammonia Solution	1336-21-6	< 5%	

SECTION 2 NOTES: All ingredients are listed in TSCA/TOSCA list

SECTION 3: HAZARDS IDENTIFICATION

Special hazards for man and environment according to 67/548/EC as amended

Symbols of danger Not subject to the regulation

R-phrases None

S-phrases None

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SECTION 4: FIRST AID MEASURES

EYES: Wash with plenty of water or eyewash solution and seek medical advice

SKIN: Wash with soap and water. Seek medical advice when red irritation of skin visible

INHALATION: Remove from dusty atmosphere, go into fresh air, normally no further treatment required

SECTION 5: FIRE-FIGHTING MEASURES

NFPA HAZARD CLASSIFICATION

HEALTH:	FLAMMABILITY:	REACTIVITY:
OTHER:		

HMIS HAZARD CLASSIFICATION

HEALTH:	FLAMMABILITY:	REACTIVITY:
PROTECTION:		

EXTINGUISHING MEDIA: Foam carbon dioxide, water mist, dry powder – no restriction

ENVIRONMENTAL HAZARDS: In the event of fire the following can be released: CO, CO₂, NO_x

PARTICULAR HAZARDS: Use adequate aspiration devices. Do not allow contaminated water into drains/groundwater

PERSONAL PROTECTION: Wear suitable protective cloths, eye protection and self-contained breathing

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate exhaust ventilation. Slippery on floor when spilled.

ENVIRONMENTAL PRECAUTIONS: Do not discharge into drains/surface waters/groundwater.

METHODS FOR CLEANING UP/TAKING UP: Take up mechanically, send in suitable containers for recovery or disposal.

SECTION 7: HANDLING AND STORAGE

Local exhaust ventilation is strongly recommended when used for normal polishing operations. A dust mask may be adequate for smaller quantities and/or intermittent use. Also refer to 8. Exposure Controls/Personal Protection.

Store in a cool dry place (<5° >40°C) away from foodstuffs. Should be consumed within 6 months after day of production.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: Refer to 7. Handling and Storage and 15. Regulatory Information

RESPIRATORY PROTECTION: If dust levels are likely to exceed the OES, a dust mask should be worn complying with BSEN49 Specifications for filtering half masks to protect against particulates.

EYE PROTECTION: Goggles should be worn if necessary. Avoid contact with eyes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Blue

ODOR: Characteristic

FORM: Viscous

pH Value: 7 - 8

pH (Other):

BOILING POINT: ~ 110°C

MELTING POINT: N. A.

FREEZING POINT: Approx. 0°C

VAPOR PRESSURE: N.A.

RELATIVE DENSITY: Approx. 1,2 g/cm³ at 20°C

EXPLOSIVE PROPERTIES: None

OXIDISING PROPERTIES: None

FLAMMABILITY: N.A.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Soluble

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SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions

CONDITIONS TO AVOID (STABILITY): Contact with acids

INCOMPATIBILITY (MATERIAL TO AVOID):

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: CO, CO₂, NO_x

SECTION 11: TOXICOLOGICAL INFORMATION

Generally regarded as a non-toxic substance based on experience of long term exposure.

Chronical toxicology: Not known
Oral toxicology: Depending on the quantity sickness or diarrhea can occur when ingested.
Inhalation: The inhalation of steam can be harmful due to thermo decomposition.

Primary irritation:

Skin: Not listed as irritational product although permanent contact should be avoided.
Eyes: In case of eye contact after first measures red eyes or burning eyes can occur.
Sensitization: The product is not classified as sensitizing.

SECTION 12: ECOLOGICAL INFORMATION

The product is biodegradable and insoluble in water. Nevertheless, do not allow to enter soil, waterways or waste water.

SECTION 13: DISPOSAL CONSIDERATIONS

In accordance with national and local regulations special waste must be taken to an authorized waste incineration plant.

Disposal code according to EAK / EWC: 120115. All packing material must be fully discharged and can be recycled after cleaning.

Spoiled packing must be disposed like the product itself.

SECTION 14: TRANSPORT INFORMATION

ADR / UN No.: The product does not constitute a hazardous substance in national/international road, rail, sea and air transport.

IMDG / IATA: Not classified as dangerous goods.

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SECTION 15: REGULATORY INFORMATION

The product does not require a hazard warning label in accordance with the EC directives/German regulations on dangerous substances.

The product is not listed in german VbF (as burning liquid).

SECTION 16: OTHER INFORMATION

S-sentences	S 25 / 25	Avoid eye and skin contact.
	S 36 / 37	Use proper gloves during operation and handling.
	S 2	Keep away from children.
R-sentences	R 66	May cause rough or chapped skin during permanent contact.

PREPARATION INFORMATION: Date of issue: 09.13.2011
Revised: 09.12.2011

DISCLAIMER:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid relationship. This material safety data sheet is valid until further information from the supplier.