MARPROZEP
INDUSTRIAL MAINTANCE CHEMICALS

MATERIAL SAFETY DATA SHEET

AMA-ZING DEGREASER

HEAVY DUTY WATERBASED DEGREASER

1. Product Identification:

Trade Name:	**AMA-ZING DEGREASER**
Chemical Family:	Surfactants, chelating agents, soil suspending agents.
Chemical Name:	Formulated product.
Product use:	Water-based general purpose degreaser.
UN Number:	3082 (Miscellaneous substance).

2. Composition/ Information of Ingredients:

CAS No.	**Hazardous Components**	**Approximate %**	**Limit**
111-76-2	Butyl oxitol	<10	TLV-20ppm
EEC classification	Irritant, Xi		
R Phrases	R36/37/38		

3. Hazards Identification:

Main hazard	Irritant, Xi.
Fire	Non-flammable.
Inhalation	Causes irritation to the respiratory tract.
Skin contact	May cause irritation, resulting to redness and pain.
Eye Contact	Vapours are irritating to the eyes.
Ingestion	Causes irritation to the gastrointestinal tract.

4. First Aid Measures:

Inhalation	Remove person to fresh air. Seek medical attention.
Skin contact	Wash with water.
Eye contact	Flush eyes with water for at least 15 minutes, while lifting eyelids.
Ingestion	Do not induce vomiting. Seek immediate medical attention.

5. Fire Fighting Measures:

Extinguishing media	Product non-flammable, use extinguishing agents suitable for surrounding fire.
Special hazards	Use self contained breathing apparatus and protective clothing.
Protective clothing	Wear gloves, goggles and breathing apparatus.

6. Accidental Release Measures:

Personal precautions	Avoid contact with skin and eyes. Ventilate area of leak or spill thoroughly.

Environmental precautions	Do not dispose of concentrate directly into sewers, storm waters or drains.
Small spills	Remove excess with absorbent material and flush residue with plenty of water.
Large spills	Dyke ahead of liquid spill for later disposal. Prevent entry into sewers, basements or confined areas.

7. Handling & Storage:

Handling	Avoid contact with skin, eyes and clothing.
Storage	Keep container tightly closed in a cool, dry and well-ventilated area.

8. Exposure Controls/ Personal Protection:

Use protective eye wear if splashing is expected.
Use suitable mask if exposed for long period.
PVC gloves for prolonged exposure.
Wear impervious protective clothing.

9. Physical and Chemical Properties:

Appearance	Red
pH (concentrate)	12.00-14.00
Density	1.05-1.08
Viscosity	10-12 seconds
Solubility (water)	Water Soluble.

10. Stability and Reactivity:

Stability	Stable under normal conditions.
Incompatible materials	Strong acids.
Hazardous decomposition	None known.

11. Toxicological Information:

Toxicity - Acute oral	LD_{50} (Rat)=470mg/kg
Acute dermal	LD_{50} (Rabbit)=220mg/kg
Carcinogenicity	No evidence of carcinogenic properties.
Mutagenicity	No evidence of mutagenic effects.
Teratogenicity	No evidence of teratogenic effects.
Reproductive hazards	Not expected to impair fertility.

12. Ecological Information:

Aquatic toxicity - rainbow	LC_{50}>1000 mg/L
Aquatic toxicity - daphnia	LC_{50}>1000 mg/L
Aquatic toxicity - algae	IC_{50}>100 mg/L
Biodegradability	Product is biodegradable.
Bioaccumulation	Not expected to bioaccumulate.

13. Disposal Considerations:

Disposal methods	Flush with water. Dispose of as per local government regulations.

Disposal of packaging	Can be re-used if flashed well with water.

14. Transport Information:

UN Number	3082
Substance identity no	
ADR/RID class	Class 9: Irritant Liquid.
IMDG – packaging group	*III*
Marine Pollutant	No
IMO/IMDG Classification	Class 9: Irritant Liquid.
IATA Classification	Class 9: Irritant Liquid.

15. Regularity Information

EEC-hazard classification	Irritant, Xi
Risk phases	R36/37/38
Safety phases	S24/25;S36

16. Other Information:

All information is given in good faith without guarantee in respect of accuracy and no responsibility shall be accepted for errors or omissions or the consequences thereof. Persons handling or affiliated with the material is urged to scrutinize this MSDS carefully to become aware and accustomed to the hazards associated with the product. Users are recommended to consult reference works or experts in the handling of any chemical substance to ensure and promote safety and environmental considerations in their field of business practice.

ENVIRONMENTALLY ACCEPTABLE

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