MARPROZEP
INDUSTRIAL MAINTANCE CHEMICALS

MATERIAL SAFETY DATA SHEET

POWERWASH

MULTI-PURPOSE HIGH-FOAMING DETERGENT

1. Product Identification:

Trade Name	**POWERWASH**
Chemical Family	Surfactants, alkali.
Chemical Name	Formulated product.
Product use	Multi-purpose high foaming detergent
UN Number	-

2. Composition/ Information of Ingredients:

CAS No.	**Hazardous Components**	**Approximate %**	**Limit**
68585-34-2	Sodium lauryl ether sulphate	10-25	-
EEC classification	Irritant, Xi.		
R Phrases	R36/38		

3. Hazards Identification:

Main hazard	Irritant, Xi.
Fire	Non-flammable.
Inhalation	Irritant
Skin contact	Irritant
Eye Contact	Irritant.
Ingestion	Irritant.

4. First Aid Measures:

Inhalation	Remove to fresh air.
Skin contact	Flush with copious amounts of water for at least 15 minutes.
Eye contact	Flush with copious amounts of water for at least 15 minutes.
Ingestion	Do not induce vomiting- seek immediate medical attention.

5. Fire Fighting Measures:

Extinguishing media	Carbon dioxide, dry chemical powder or foam.
Special hazards	None known.
Protective clothing	Not relevant.

6. Accidental Release Measures:

Personal precautions	None known.

Environmental precautions	Do not dump product.
Small spills	Dispose of as per local government regulations.
Large spills	Dispose of as per local government regulations.

7. Handling & Storage:

Handling	Keep lid sealed when not in use.
Storage	Store in a cool dry place away from direct sunlight.

8. Exposure Controls/ Personal Protection:

Inhalation:	Wear appropriate respirator when ventilation is inadequate.
Skin contact:	Wear appropriate protective clothing.
Eye contact:	Wear appropriate chemical-resistant goggles.
Ingestion:	Do not swallow.

9. Physical and Chemical Properties:

Appearance	Light yellow liquid.
pH (concentrate)	6.00-9.00
Density	1.005-1.030
Viscosity	6-16 minutes.
Solubility (water)	Soluble.

10. Stability and Reactivity:

Stability	Stable under normal temperature conditions.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition	Carbon monoxide and carbon dioxide.

11. Toxicological Information:

Toxicity - Acute oral	LD_{50} (Rat): 1288mg/kg
Acute dermal	LDL (Rabbit): 10 000mg/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	None known.
Aquatic toxicity - daphnia	None known.
Aquatic toxicity - algae	None known.
Biodegradability	Readily biodegradable.
Bioaccumulation	Does not bioaccumulate.

13. Disposal Considerations:

Disposal methods	Flush with plenty of water.
Disposal of packaging	Do not re-use packaging.

14. Transport Information:

UN Number	-
Substance identity no	**M-03**
ADR/RID class	Not regulated.
IMDG – packaging group	Not regulated.
Marine Pollutant	No.
IMO/IMDG Classification	Not regulated.
IATA Classification	Not regulated.

15. Regularity Information:

EEC-hazard classification	Irritant, Xi.
Risk phases	R36/38
Safety phases	S26

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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