

SAFETY DATA SHEET

D-175 PHOSPHATE-FREE PRESSURE WASHER DETERGENT

1. IDENTIFICATION

Product Code : D-175
Product Name : Phosphate-Free Pressure Washer Detergent
Packaging Size : 4 L Jug (4 x 4 L in one case)
Packaging Code : 8581902
Synonyms : None
Recommended Use : Phosphate-Free Cleaner and Degreaser
Restrictions on Use : For Industrial and Commercial Use Only
Supplier Identifier : Aaladin Superior Cleaning Systems, Ltd.
71 Don Valley Parkway
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Canada
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Emergency Telephone Number (CANUTEC): (613) 996-6666

2. HAZARD IDENTIFICATION

Classification: Acute toxicity, oral (Category 4)
Symbol:



Signal Word: Warning

Hazard Statements:

- May cause irritation to eyes, skin and lungs.
- Harmful if swallowed,

Precautionary Statements:

- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash face, hands and exposed skin with water after handling.
- Do not eat, drink or smoke when handling this product.
- Do not breathe mist/vapor.
- Call immediate medical attention when severely exposed.

Other Hazards Not Classified: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Percentage (w/w)
Sodium Metasilicate Pentahydrate (CAS#: 10213-79-3)	2 to 4
Triethanolamine (CAS#: 102-71-6)	2 to 4
Linear Alkylbenzene Sulfonate Sodium Salt (CAS#: 10213-79-3)	1 to 5
Scent	<1
Sodium Xylene Sulfonate (CAS#: 1300-72-7)	<1
Ethylene Diamine Tetra-Acetic Acid Tetra Sodium Salt (CAS#: 13235-36-4)	<2
Pigment	<1
Water (CAS#: 7732-18-5)	>80

4. FIRST-AID MEASURES

First Aid Measures by Route of Exposure:

Inhalation: Move victim to fresh air. Seek medical attention if adverse effects occur.

Skin Contact: Wash the affected area with plenty of slow flowing water. If irritation persists, seek medical attention.

Eye Contact: Wash eye with plenty of water until irritation is gone. Seek medical attention if irritation persists.

Ingestion: May cause upset stomach. Drink plenty of water to dilute. Seek medical attention.

First Aid Comments: All first aid procedures should be periodically reviewed by a doctor familiar with the chemical and its conditions of use in the workplace.

Most Important Symptoms and Effects (acute or delayed): Not Available

Immediate medical attention and special treatment needed, if necessary: Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media: Not Applicable

Specific Hazards Arising from the Chemical: Toxic sodium oxide fumes can be generated at high temperatures.

Hazardous Combustion Products: Not Applicable

Special Protective Equipment and Precautions for Fire-Fighters: Wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Remove or isolate incompatible materials as well as other hazardous materials.

Methods for Containment and Clean-up: Contain and soak up spill with absorbent that does not react with spilled product. Flush spill area. Dike spilled product to prevent runoff.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Wear protective equipment. Ensure adequate ventilation. Keep away from heat, sparks, open flame and direct sunlight. Keep containers tightly closed when not in use or empty. Do not eat, drink or smoke while handling this product.

Conditions for Safe Storage: Store in an area that is: cool, dry, well-ventilated, separate from incompatible materials. Keep amount in storage to a minimum. Store in the original, labelled shipping container. Vent drums to prevent pressure buildup. Do not handle swollen drums. Get expert advice.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters, including occupational exposure guidelines or biological exposure limits and the source of those values: No exposure limits

Appropriate Engineering Controls: Use a local exhaust ventilation and enclosure, if necessary, to control amount in the air. Exhaust directly to the outside, taking any necessary precautions for environmental protection. Eye wash facility and emergency shower must be available when handling this product.

Individual Protection Measures:

Eye/Face Protection: Wear chemical safety goggles. A face shield (with safety goggles) may also be necessary.

Skin Protection: Wear chemical protective clothing e.g. gloves, aprons, boots.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Colour: Green

Odor: Lemon Scent

Odor Threshold: Not Applicable

pH: 10 to 14

Freezing Point: Not Available

Initial Boiling Point/Boiling Range: Not available

Flash Point: Not Available

Evaporation Rate: Not Available

Flammability (solid; gas): Not Available

Lower Flammable/Explosive Limit: Not Available

Vapour Pressure: Not Available

Upper Flammable/Explosive Limit: Not Available

Vapour Density: Not Available

Relative Density: Not Available

Solubility: Completely Soluble

Partition Coefficient – n-octanol/water: Not Available

Viscosity: Not Available

Auto-ignition Temperature: Not Available

Decomposition Temperature: Not Available

10. STABILITY AND REACTIVITY

Reactivity: Not available

Chemical Stability: Stable

Possibility of Hazardous Reactions: None under normal processing

Conditions to Avoid: Water, moisture or humidity, generation of mists and dust.

Incompatible Materials: Highly reactive. Reacts violently with organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), oxidizing agents (e.g. peroxides).

Hazardous Decomposition Products: Oxides of sodium

11. TOXICOLOGICAL INFORMATION

Information on the Likely Routes of Exposure: Skin contact, Eye contact.

- **Inhalation:** Not expected to be an inhalation hazard unless it becomes an airborne dust or mist. May cause irritation of the nose and throat.
- **Skin Contact:** Not expected to cause irritation.
- **Eye Contact:** May cause mild irritation.
- **Ingestion:** May cause stomach upset. Symptoms may include nausea, vomiting, stomach cramps and diarrhea. Can cause death.
- **Effects of Long-Term (Chronic) Exposure:** Not Available.
- **Carcinogenicity:** Not known to cause cancer.
International Agency for Research on Cancer (IARC): Not specifically designated.
American Conference for Governmental Industrial Hygienists (ACGIH): Not specifically designated.
- **Teratogenicity / Embryotoxicity:** Not known to harm the unborn child.
- **Reproductive Toxicity:** Not known to be a reproductive hazard.
- **Mutagenicity:** Not known to be a mutagen.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

Persistence and Degradability: Expected to be biodegradable.

Bioaccumulative Potential: Not Available

Mobility in Soil: Not Available

Other Adverse Effects: No adverse environmental effects are expected from this product.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Disposal of all wastes must be done in compliance with federal, provincial and local regulations. Liquid residues must be properly neutralized to pH 6 – 9 then may be disposed off in waste water treatment facilities which allow the discharge of neutral salt solutions.

Contaminated Packaging: Empty containers should be recycled or disposed off through an approved waste management facility.

14. TRANSPORT INFORMATION

UN Number: Not Applicable

UN Proper Shipping Name: CLEANING COMPOUND

Transport Hazard Class: Not Hazardous

Packing Group: II

Environmental Hazards: Not Available

Transport in Bulk: Not Available

Special Precautions:

15. REGULATORY INFORMATION

Canadian DSL Inventory Status: All components of this product are either on the Domestic Substances List (DSL), the Non-Domestic Substances List (NDSL) or exempt.

16. OTHER INFORMATION

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