

# SAFETY DATA SHEET

## D-127 CITRUS PRESSURE WASHER DEGREASER

### 1. IDENTIFICATION

Product Code : D-127  
Product Name : Citrus Pressure Washer Degreaser  
Packaging Size : 4 L Jug (4 x 4 L in one case)  
Packaging Code : 8581936  
Synonyms : Citrus Degreaser  
Recommended Use : Cleaner and Degreaser  
Restrictions on Use : For Industrial and Commercial Use Only  
Supplier Identifier : Aaladin Superior Cleaning Systems, Ltd.  
71 Don Valley Parkway  
PO Box 62052 Transcona RPO  
Winnipeg, MB R2C 5G2  
Canada  
Phone: (204) 663-6618 Fax: (204) 663-3125

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### 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 plenty of 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)
Glycol Ether EB (CAS#: 111-76-2)	1 to 5
D-Limonene (CAS# 5989-27-5)	1 to 3
Sodium Xylene Sulfonate (CAS#: 1300-72-7)	1 to 3
Cocoamide DEA (CAS#: 68603-42-9)	3 to 6
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. Suitable materials include: butyl rubber, natural rubber, neoprene rubber, nitrile rubber, polyethylene, polyvinyl chloride, Viton®, Viton®/butyl rubber, Barrier® (PE/PA/PE), Silver Shield/4H® (PE/EVAL/PE), Trelchem® HPS, Trelchem® VPS, Tychem® SL (Saranex™), Tychem® BR/LV, Tychem® Responder, Tychem® TK.

**Respiratory Protection:** Up to 10 mg/m<sup>3</sup>: wear a NIOSH approved air-purifying respirator with N100, R100, or P100 filter(s), wear a NIOSH approved self-contained breathing apparatus (SCBA) or supplied air respirator. ESCAPE: wear a NIOSH approved air-purifying respirator with N100, R100, or P100 filter(s), wear a NIOSH approved self-contained breathing apparatus (SCBA) or supplied air respirator.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid

**Colour:** Orange

**Odor:** Pleasant Citrus Scent

**Odor Threshold:** Not Available

**pH:** Alkaline

**Freezing Point:** 0°C approx.

**Initial Boiling Point/Boiling Range:** Above 100°C

**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:** None

**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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