

**SAFETY DATA SHEET**

Issue Date 2-2-2015

Revision Date 10-30-2015

Version 1

**1. PRODUCT AND COMPANY IDENTIFICATION****Product Identifier**

Product Name Lift Station Cleaner

**Other Means of Identification**

SDS # 9601

**Recommended Use of the Chemical and Restrictions on Use****Recommended Use**

Sewer Maintenance Cleaner

**Details of the Supplier of the Safety Data Sheet****Supplier Address**PRODUCTS CHEMICAL COMPANY  
6400 HERMAN AVENUE  
CLEVELAND, OH 44102**Emergency Telephone Number**Company Phone Number 1-800-233-5078  
Emergency Telephone 1-800-535-5053**2. HAZARDS IDENTIFICATION****GHS Classification**

Aspiration Hazard: Category 1

Flammable Liquid: Category 4

**Signal Word**

Danger

**Symbols****Emergency Overview:****Physical State:** Liquid

Color: Clear

Odor: Orange Scent

**OSHA/HCS status:** This material is considered hazardous by the OSHA Hazard Communication Standard(29 CFR 1910.1200).**Hazard Statements**

May be fatal if swallowed and enters airways.

Combustible Liquid

**Precautionary Statements-Prevention**

Not applicable. See Safety Data Sheet Section 4: "First Aid Measures" for additional information.

Keep away from flames and hot surfaces.

No smoking.

Wear protective gloves/eye protection/face protection.

**Precautionary Statements – Response**

If swallowed: Immediately call a poison center or doctor for medical advice.

Do **NOT** induce vomiting.

In case of fire: Use dry chemical, CO<sub>2</sub>, or Halon to extinguish.

**Precautionary Statements – Storage**

Store locked up.

Store in well ventilated place.

Keep cool.

**Precautionary Statements – Disposal**

Dispose of contents/container in accordance with local/regional/national regulations.

<b>3. COMPOSITION/INFORMATION ON INGREDIENTS</b>
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Chemical Name	CAS No	Weight-%
Orange terpenes	68647-72-3	10-15
Paraffinic Naphthenic Solvent	64742-88-7	85-95

<b>4. FIRST AID MEASURES</b>
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**First Aid Measures****Eye Contact**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs: get medical advice/attention.

**Skin Contact**

IF ON SKIN (or hair): Wash with soap and water. If skin irritation occurs: Get medical advice/attention.

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

**Ingestion**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor.

**Most Important Symptoms and Effects, both Acute and Delayed****Symptoms****Indication of any Immediate Medical Attention and Special Treatment Needed****Note to Physicians**

Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Alcohol resistant foam, Carbon Dioxide (CO<sub>2</sub>), Dry chemical.

### Unsuitable Extinguishing Media

Do not use high volume water jet.

### Specific Hazards Arising from the Chemical

Carbon monoxide may be evolved if incomplete combustion occurs. The vapor is heavier than air, spreads along the ground and distant ignition is possible. Heated drums can explode.

### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**Personal Precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

### Methods and Material for Containment and Cleaning Up

**Methods for Containment** For small spills, absorb on poly-pads or other suitable non-reactive absorbent material. Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up** Eliminate all sources of ignition. Use non-sparking hand tools and explosion-proof electrical equipment. Sweep up and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Use only in well-ventilated areas. Do not breathe vapors or spray mist. Keep away from heat, sparks, flame and other sources of ignition. All equipment used when handling the product must be grounded.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

**Incompatible Materials** Sparks or open flame.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

Chemical Name	ACHIH TLV	OSHA PEL	NIOSH IDLH
None listed			

**Recommended monitoring procedures:** If this product contains ingredients with exposure limits, personal, workplace atmosphere or other biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.

**Appropriate Engineering Controls:** Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Hygiene measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and the using the bathroom and at the end of the working periods.

#### **Individual Protection Measures, such as Personal Protective Equipment**

<b>Eye/Face Protection</b>	Avoid contact with eyes. Wear safety eyewear.
<b>Skin and Body Protection</b>	Wear suitable protective clothing. Use impervious gloves.
<b>Respiratory Protection</b>	Not required with expected use. Ensure adequate ventilation, especially in confined areas.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### **Information on Basic Physical and Chemical Properties**

Physical State	Liquid	Odor	Orange scent
Appearance	Liquid	Odor Threshold	Not determined
Color	Clear		

### **Property**

### **Values**

pH	6
Melting Point/Freezing Point	Not determined
Boiling Point/Boiling Range	360 Deg F
Flash Point	143 Deg F (tcp)
Evaporation Rate	(H20=1) >1
Flammability (Solid, Gas)	n/a-liquid
Upper Flammability Limits	UEL=6
Lower Flammability Limits	LEL=1
Vapor Pressure	20@68F
Vapor Density	Not determined
Specific Gravity	.798
Water Solubility	Slightly soluble in water
Solubility in Other Solvents	Not determined
Partition Coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature Kinematic	Not determined
Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined

## 10. STABILITY AND REACTIVITY

### **Reactivity**

Not reactive under normal conditions.

### **Chemical Stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

None under normal processing.

<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.
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**Conditions to Avoid**

Avoid heat, sparks, open flames and other ignition sources. Keep out of reach of children.

**Incompatible Materials**

Sparks or open flame.

**Hazardous Decomposition Products**

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

## 11. TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure****Product Information**

**Eye Contact** May cause eye irritation.

**Skin Contact** May cause skin irritation.

**Inhalation** May cause drowsiness or dizziness.

**Ingestion** May be fatal if swallowed and enters airways.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Orange Terpenes 5989-27-5	4,400 mg/kg (rat)	>5 g/kg (rabbit)	Data not available
Paraffinic Naphthenic Solvent 647-47-8	>5,000 mg/kg (rat)	2,000-4,000 mg/kg (rabbit)	>6.8 mg/l (rat) 4h

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity** This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity**

ATEmix-oral: mg/kg

ATEmix- dermal: mg/kg

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to	Crustacea
Orange Terpenes 5989-27-5	Data not available	0.619-0.796 :96h Pimephales promelas mg/L LC50 flow-through 35: 96h Oncorhynchus mykiss mg/L LC50	Data not available	Data not available
Paraffinic Naphthenic Solvent 64742-47-8	Data not available	Data not available	Data not available	Data not available

**Persistence and Degradability**

Not determined.

**Bioaccumulation**

Not determined.

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS****Waste Treatment Methods**

<b>Disposal of Wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

<b><u>Note</u></b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<b><u>DOT</u></b>	Not regulated.
<b><u>IATA</u></b>	Not available.
<b><u>IMDG</u></b>	Not available.
<b><u>IDG</u></b>	Not available.

**15. REGULATORY INFORMATION****International Inventories**

Not determined

**US Federal Regulations**

**SARA 313** Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
None			

**California Prop 65:** This product contains no chemicals known to the State of California to cause cancer and reproductive toxicity.

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b> Not determined	<b>Flammability</b> Not determined	<b>Instability</b> Not determined	<b>Special Hazards</b> Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b> 1	<b>Flammability</b> 2	<b>Physical Hazards</b> 0	<b>Personal Protection</b> B
<b>Issue Date</b>	<b>February- 02-2015</b>			

Revision Date                      **October-30-2015**  
Revision Note                      **No information available**

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

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