



SAFETY DATA SHEET

Revision Date: 07/09/2020

1. Identification Of The Substance

Product Name: ISI POLY FLUSHING COIL CLEANER

Product Recommended Use: Evaporator and Condenser Coil Cleaner

Manufactured For: Winzer Corporation
4060 E. Plano Parkway
Plano, TX 75074

Company Phone: 1-800-527-4126

24 Hour Emergency Phone: INFOTRAC 1-800-535-5053 (US & Canada)

2. Hazards Identification

Classification:

Skin Corrosive: Category 1B
Eye Damage: Category 1
Liquefied Gas
Corrosive to Metals

Signal Word:

Danger

Pictograms:



Hazardous Statement(s):

Causes Severe skin burns and eye damage. Contains gas under pressure; May explode if heated. May be corrosive to metals.

Precautionary Statement(s):

Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50C/122F. Store in a well-ventilated place. Do not breathe mists. Wash hands thoroughly after handling. Wear protective gloves and eye protection. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all

contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Keep only in original container. Absorb spillage to prevent material damage. Store in a corrosive resistant container with a resistant inner liner.

Hazards not otherwise classified:

This product contains the following percentage of chemicals of unknown toxicity: 0%

3. Composition/ Information on Ingredients

Material	CAS Number	Percent (%)
Sodium Hydroxide	1310-73-2	1-5%
Potassium Hydroxide	1310-58-3	1-5%
Propane/n-Butane	68476-86-8	3-7%

4. First Aid Measures**Inhalation:**

Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

Eye Contact:

Remove contact lenses. Flush with water for at least 15 minutes. Get immediate medical attention

Skin Contact:

Immediately wash with water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek immediate medical attention.

Ingestion:

Rinse mouth out with water. Do not induce vomiting. Seek medical attention.

Acute Health Hazards:

Causes severe burns.

Chronic Health Hazards:

Skin disorders, drying and irritation of the skin.

Note to Physician:

If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

5. Fire-Fighting Measures**Suitable Extinguishing Media:**

Use appropriate media for surrounding fire.

Unsuitable Extinguishing Media:

N/A

Special Fire Fighting Procedures:

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

Unusual Fire and Explosion Hazards:

Contact with some metals, particularly magnesium, aluminum, and galvanized zinc can generate hydrogen gas rapidly which is explosive. Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source.

Hazardous Combustion Products:

Alkaline vapors in fire.

6. Accidental Release Measures

Personal Protective Equipment:

Refer to section VIII for proper Personal Protective Equipment

Spill:

Clean up using cloth or absorbent material. dispose of product-containing wiping cloth or absorbent paper in suitable manner. place waste in proper containers for waste disposal.

Waste Disposal:

Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

RCRA Status:

Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. Handling And Storage

Handling and Storage:

Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F. Pressurized container: Do not pierce or burn, even after use.

Other Precautions:

Keep out of the reach of children.

Incompatibility:

Strong acids.

8. Exposure Controls / Personal Protection

Hazardous Ingredient	OSHA PEL	ACGIH TLV
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Sodium Hydroxide	2 mg/m ³	2 mg/m ³
Potassium Hydroxide	2 mg/m ³	2 mg/m ³
Propane/n-Butane	1000 ppm	1000 ppm

Engineering Controls/Ventilation:

General ventilation recommended.

Respiratory Protection:

Wear NIOSH/MSHA approved respiratory protection if used in confined, poorly ventilated areas.

Personal Protective Equipment:

Safety glasses and chemical resistant gloves

Additional Measures:

Wash hands immediately after use. Do not get on clothes or skin.

9. Physical And Chemical Properties

Appearance:	Clear Aerosol	Upper Flammability limit	N/D
Color	Colorless	Lower Flammability limit	N/D
Odor	Odorless	Vapor Pressure	>18 mm Hg
Odor Threshold	N/D	Vapor Density (air = 1)	1
pH Value	13.5	Viscosity	N/D
% Solids	N/D	Specific Gravity	>1.04 @ 77° F (25° C)
Freezing Point:	< 32°F (0°C)	Solubility in water	100%
Decomposition temperature	N/D	Partition Coefficient	N/D
Flash Point	N/D	Auto-ignition temperature	N/D
Evaporation Rate:	<0.8 (Slow)	Volatility including water	73.5%
Flammability:	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)	Volatile Organic Compounds	6%

10. Stability And Reactivity

Reactivity:

Chemically active metals and acids Conditions to Avoid:

Chemical Stability:

Stable

Incompatible Materials:

Strong Acids

Hazardous Reactions/Polymerization:

None known

Hazardous Decomposition Products:

Oxides of carbon

11. Toxicological Information**Toxicological Information:**

Sodium Hydroxide (1310-73-2): LD50 (Oral, Rabbit) 400 mg/kg

Routes of Entry:

Eyes, Ingestion, Inhalation, Skin

Eyes:

Causes severe irritation, burning, redness, tearing, pain, may cause lens or corneal damage.

Ingestion:

Causes chemical burns, damage to mouth and esophagus with gastrointestinal irritation, nausea, vomiting.

Skin:

Cause redness, pain, and severe burns to skin. Concentrated solutions cause deep ulcers and discolor skin. Exposure to liquid, vapor, or mist causes severe skin irritation.

Inhalation:

Causes irritation to the respiratory tract, upper respiratory damage

Medical Condition Aggravated:

May aggravate pre-existing medical conditions.

Acute Health Hazards:

Causes severe burns.

Chronic Health Hazards:

Skin disorders, drying and irritation of the skin.

Carcinogenicity:

OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

12. Ecological Information**Toxicity:**

Sodium Hydroxide (1310-73-2): LC50 (Bluegill Sunfish, 48hr) 99 mg/L; (Mosquito Fish 96hr) 125 mg/L; (Brown Shrimp, 48hr) 30-100 mg/L; (Brook Trout, 24hr) 25 ppm

Potassium Hydroxide (1310-58-3): LC50 (Mosquito Fish, 24hr) 80 mg/L

Persistence and Degradability:

This product is biodegradable.

Bio-Accumulative Potential:

This product is not expected to bioaccumulate.

Mobility in Soil:

This product is mobile in soil.

Other Adverse Effects:

None Known

13. Disposal Considerations

Waste Disposal:

Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

USA RCRA:

Waste likely considered hazardous under RCRA; however product should be fully characterized prior to disposal (40 CFR 261).

14. Transport Information

Proper Shipping Name:	Aerosols, Ltd. Qty.
Hazard Class/Division:	2.1
UN/NA Number:	UN 1950
Packaging Group:	N/A

Air Shipment:

Proper Shipping Name:	Aerosols, Ltd. Qty.
Hazard Class/Division:	2.1
UN/NA Number:	UN 1950

Shipping by Water:

Vessel (IMO/IMDG) Proper Shipping Name:	Aerosols, Ltd. Qty.
Hazard Class/Division:	2.1
UN/NA Number:	UN 1950
Environmental Water Hazards:	N/A

15. Regulatory Information

TSCA Status:

All Chemicals are listed or exempt.

CERCLA (Comprehensive Response Compensation, and Liability Act):

Sodium Hydroxide (1310-73-2) Reportable Quantity = 1,000 lbs

Potassium Hydroxide (1310-58-3) Reportable Quantity = 1,000 lbs

SARA 311/312 Hazard Categories:

Acute Health

SARA 313 Reportable Ingredients:

None

State Regulations:

California Proposition 65: None

International Regulations:

All components are listed or exempted.

16. Other information**DISCLAIMER:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assume any liability whatsoever for the accuracy or completeness of the information contained herein. The final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. The above information pertains to this product as currently formulated, and is based on the information available at the time. The addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

NFPA:

Health: 3
Flammability: 0
Reactivity: 1
Other: None

HMIS:

Health: 3
Flammability: 0
Reactivity: 1
Protection: B