



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: KRYSTAL ICE (Bulk)

Application: Glass Cleaner

Product Number: 2110

UN-Number: N/A

Manufacturer Information Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
Physical: 1175 Industrial Way Sparks, NV 89431
Phone Number: 775-359-8494 or 800-648-1153

Emergency Phone No.
Chemtrec: 1-800-424-9300

Pages: 3 Web: SUNRISENV.COM

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: WARNING

Keep out of reach of children.

Potential Health Effects:

Inhalation: Inhalation of vapors may be hazardous to health.

Skin Contact: Skin contact may cause irritation and/or itchy sensation of skin.

Ingestion: May cause serious health effects including, vomiting, nausea and/or severe gastrointestinal burn.



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
2-Butoxyethanol Propylene Glycol Monobuty	111-76-2	N/D	25 ppm	25 ppm	N/D
Ether	5131-66-8	N/D	N/D	N/D	N/D
Ammonium Hydroxide	1336-21-6	N/D	N/D	N/D	N/D

Comments: A coupling structure system proprietary formula, no TLV, OSHA values established. Use protective equipment.

4. FIRST AID MEASURES

Inhalation: If affected by vapors, move to a well ventilated area immediately. If breathing is difficult seek physician help.

Skin Contact: Flush with water, immediately remove all contaminated clothing.

Ingestion: Do not induce vomiting and seek physician care.

Eye Contact: Immediately flush with plenty of water for at least 15 minutes. After initial flushing, remove any contact lenses and continue for at least 15 minutes and seek physician help.

Additional Information: None

5. FIRE FIGHTING MEASURES

Flash Point: None to BP

Upper Flammable Limit (UEL): 9.5%

Lower Flammable Limit (LEL): 2.2%

Flammable Limits: Propane

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and lightly by heat, pilot lights other flames and ignition sources at locations distant from material handling point.

Hazardous Combustion Product: May produce irritating fumes in fire.

Extinguishing Media: Foam, Co2, dry chemicals or other.

Fire Fighting Equipment/Instructions: Use SCBA equipment with full face piece operated in the positive pressure mode.

NFPA Rating: (Flammability 1) (Health 1) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid skin contact. Use chemical resistant gloves, safety goggles or face shield and protective clothing.
Environmental Precautions: Isolate and evacuate the spilled area. Prevent additional further leakage or spillage, if safe to do so.
Method for Cleanup & Containment: Wear appropriate protective equipment and clothing during the clean-up.
Isolate spill and use non-combustible material like vermiculite, sand, clay or other absorbent material to absorb the spilled liquid.
Additional Information: Follow local and federal regulations with regard to chemical spills.

7. HANDLING AND STORAGE

Handling Procedure: Avoid breathing mist or vapors. Avoid prolonged contact with skin. Avoid contact with eye. Wear suitable PPE.
Wash hands thoroughly after handling the product.
Storage Procedures: Keep in a well-ventilated place, away from open flame, heat, reactive chemicals and/or other source of ignition.
Prevent electrostatic charge build-up by using common bonding and grounding techniques. Do not store in direct sunlight or where temperature exceeds 120°F.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:
ACGIH Components: Use ventilation adequate to maintain TLV.
OSHA Components: No
Engineering Measures: Use fan in confined area. Use local exhaust ventilation.
Personal Protective Equipment (PPE): Utilize suitable protective clothing, and other appropriate PPEs to protect eyes and hands.
Hygiene Recommendations: Use caution appropriate to aerosols in use and storage.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless
Physical State: Liquid
Vapor Pressure: N/D
Boiling Point: N/D
Solubility (H2O): Soluble
Freezing Point: n/d
Odor: Pleasant Odor
pH: N/D
Density: N/D
Vapor Density: N/D
Melting Point: N/A
Specific Gravity: 1.0
VOC: 12.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable
Conditions to Avoid: Hot storage.
Incompatibility: Strong chemicals and oxidizers.
Hazardous Decomposition: Carbon monoxide and Carbon dioxide.
Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Route of Entry: Inhalation and eyes.
Acute Chronic Toxicity Data: Deliberate inhalation of propellant may be hazardous to health. Eye irritant.
NTP: No
IARC Monographs: No
Carcinogenicity: No
Chronic Toxicity: N/D

12. ECOLOGICAL INFORMATION

Ecotoxicity: N/D

Persistence and Degradability: N/D

Bioaccumulative potential: N/D

Mobility in Soil: N/D

Other Adverse effects: N/D

13. DISPOSAL CONSIDERATIONS

Disposal Instructions: Follow local and federal disposal regulations for corrosive material. It is recommended to pH neutralize with Sodium Bisulfide or Ferrous salt solution to acceptable pH and solidify it will stabilizing absorbents material before disposal.

14. TRANSPORTATION INFORMATION

US DOT Information: LIQUID CLEANER CLASS 55

Marine Pollutant: N/D

Shipping Name: Krystal Ice

Required Label: N/A

15. REGULATORY INFORMATION

Classification:

Hazard Symbol: Exclamation Point



US Federal Regulations:

OSHA'S Hazard Communication Rule, 29 CFR 1910.1200-Is a moderate skin irritant, moderate eye irritant and a skin sensitizer.

SARA Title III-This product does not contain any chemicals component with known CAS number that exceed the threshold reporting levels establish by SARA Title III, section 313.

State Regulations:

California Prop. 65

This product does not contain any chemicals known to state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared: 04/01/2014

Revision Date: 02/03/2015

Contact Information: Sunrise Environmental Scientific
Remit: PO Box 10207 Reno, NV 89510
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