



SAFETY DATA SHEET



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Name: CHILLS

Product Number: 1019

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
Web: SUNRISENV.COM

Application: Drilling, Tapping and Cutting, Cooling Medium

UN-Number: N/A

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

Pages: 3

2. HAZARDS IDENTIFICATION

Emergency Overview:

Signal Word: DANGER

Keep out of reach of children.

Potential Health Effects:

Inhalation: Excessive inhalation of vapors may cause irritation of the respiratory tract, nausea, dizziness and/or headache.

Skin Contact: Prolonged contact may cause irritation and/or dryness of skin.

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



3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient:	CAS #	Component WT%	PEL	TLV	IDLH
*1,1,2,2 Tetrachloroethylene	127-18-4	85%≤96%	25 ppm	25 ppm	150 ppm
Propellant	124-38-9	4%≤15%	5,000 ppm	5,000 ppm	40,000 ppm

Comments: Chemicals subject to SARA Title III, Section 313 reporting. This notification must not be detached from this SDS and any copies of this SDS must include this notification which applies only to material while it is within United States of America or it's territories. All chemicals contained in this product are listed on the Toxic Substance Control Act (TSCA) inventory 1,1,2,2 Tetrachloroethylene <96%.

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: Do not administer adrenaline, may increase the sensitivity of heart to adrenaline.

5. FIRE FIGHTING MEASURES

Flash Point: Non-flammable material but propellant is flammable.

Upper Flammable Limit (UEL): N/A

Lower Flammable Limit (LEL): N/A

Flammable Limits: N/A

Auto Ignition: N/D

Rate of Burning: N/D

General Fire Hazards: Aerosol can may explode and release flammable propellant. The 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, also emits highly toxic chloride fumes and phosgene, plus toxic oxides of carbons.

Extinguishing Media: Foam, Co2 and/or dry chemicals.

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

NFPA Rating: (Flammability 0) (Health 2) (Reactivity 0)

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Eliminate all the ignition sources such as electrical, static, frictional sparks and pilot. Isolate the area.

Environmental Precautions: Isolate 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. 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.

Aerosol container may burst if heated over 120°F. Do not store at temperature below 32°F.

Note: The EPA Reportable Quantity (RQ) for perchloroethylene is 100 lb(≈7.5gal). For a spill equal or above RQ amount, National Response Center (1-800-424-8802), The State Response Commission(SERC) and local emergency response agencies must be notified immediately.

Halogenated hydrocarbons are prohibited by EPA regulations from land disposal.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Occupational Exposure Limits:

ACGIH Components: Use ventilation adequate to maintain TLV.

OSHA Components: Yes

NTP: Yes

IARC Monographs: Yes. Group 2B

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 appropriated caution. Use protective equipment (apron and boots are optional).

Consider the effect of exposure potentials, handling practices, chemical concentration and ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear and colorless

Physical State: Liquid

Vapor Pressure: 14mm Hg@20°C

Boiling Point: 250°F

Solubility (H₂O): Negligible

Freezing Point: N/D

Odor: Chloroform-like odor

pH: N/D

Density: N/D

Evaporation rate: N/A

Vapor Density: 5.83

Melting Point: N/D

Specific Gravity: 1.6311 @ 15°C

VOC: 0.0%

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid hot storage, container may burst at temperatures over 120°F.

Incompatibility: Oxidizing agents, nitrogen tetroxide, barium and caustics (e.g. Sodium hydroxide, potassium hydroxide, etc.).

Hazardous Decomposition: May produce irritating fumes in fire, also emits highly toxic chloride fumes and phosgene, plus toxic oxides of carbons.

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Skin, eyes, inhalation and/or ingestion.

Acute Chronic Toxicity Data: May affect central nervous system on over exposure, effects includes fatigue, dizziness, nausea, headache and numbness, eye and skin irritation. Harmful if swallowed. Dermatitis possible in sensitive individual. Inhalation may cause hoarseness or cough.

Deliberate inhalation may result in convulsions, permanent body damage or death. Irritant to eyes.

Carcinogenicity: Yes

Chronic Toxicity: May include dermatitis with possible CNS, lung, liver, skin and kidney damage plus increase risk of cancer.

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. As a non-hazardous liquid waste, it should be solidified with stabilizing absorbent material before disposal.

14. TRANSPORTATION INFORMATION

US DOT Information: ORM-D CONSUMER COMMODITY CLASS 55

UN Number: N/A

Marine Pollutant: N/D

Shipping Name: Chills

Required Label: N/A

15. REGULATORY INFORMATION

Classification: Poison, Aerosol

Hazard Symbol: Exclamation Point, Gas Cylinder, Skull & Crossbones



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 contain chemicals component with known CAS number that exceed the threshold reporting levels established by SARA Title III, section 313 1,1,2,2, Tetrachloroethylene <96%..

EPA-Reportable quantity (RQ) for Perchloroethylene ia 100 lb (approx. 7.5 gal). A spill with the release of an RQ amount to the environment requires immediate notification to the National Response Center (1-800-424-8822), the State Response Commission (SERC) and local emergency response agencies (fire and/or police department). There are chemicals in this product which is listed in the Toxic Substance Control Act (TSCA) inventory. 1,1,2,2, Tetrachloroethylene <96%.

State Regulations

California Prop. 65

This product contain(s) chemical(s) known to the state of California to cause cancer, birth defects, or any other reproductive harm.

16. OTHER INFORMATION

SDS History

Date Prepared 03/11/2014

Revision Date: 03/12/2015

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