

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Insta-Slick

Other means of identification

Product Code 5951

Recommended use of the chemical and restrictions on use

Recommended use Lubricant

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Company Name CHEM-MASTER ACQUISITIONS, LLC
PO Box 220908
St. Louis, MO 63122
800-592-5080

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Dissolved Gas

Skin Irritant	Category 2
Eye Irritant	Category 2A
Specific Target Organ Toxicity (Single Exposure)	Category 3
Carcinogenicity	Category 1B
Germ Cell Mutagenicity	Category 2
Skin Sensitization	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements

Contains gas under pressure; May explode if heated. Causes skin and serious eye irritation. May cause drowsiness or dizziness. May cause cancer. Suspected of causing genetic defects. May cause an allergic skin reaction.



Appearance: Clear, Colorless Spray**Physical state:** Spray**Odor:** Chlorinated Solvent Odor**Precautionary Statements - Prevention**

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 50°C/122°F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear protective gloves, eye protection, and protective clothing.

Precautionary Statements - Response

If on skin: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash before reuse. Contaminated work clothing must not be allowed out of the workplace. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Avoid breathing dust/fumes/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention.

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, state, and national regulations.

Hazards not otherwise classified (HNOC)**N/A**

Unknown Acute Toxicity

5% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Carbon Dioxide	124-38-9	5-25%	*
Trichloroethylene	79-01-6	55-65%	*
Tetrachloroethylene	127-18-4	25-35%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures****Skin Contact**

Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

Eye Contact

Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

Inhalation

Move to fresh air. If not breathing administer artificial respiration, if breathing is difficult give oxygen.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

Most important symptoms and effect, both acute and delayed**Symptoms**

Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Inhalation: Anesthetic, respiratory irritation, Central Nervous System depression
Oral: abdominal irritation, nausea, vomiting, and diarrhea

Chronic health hazards

Possible cancer causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning. This product contains ingredients that may be anticipated to be a carcinogen.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use appropriate media for surrounding fire.

Unsuitable extinguishing media: N/A

Specific hazards arising from the chemical

Contents under pressure. Exposure to temperatures above 120°F may cause bursting.

Protective equipment and precautions for firefighters

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. Use water spray only to cool exposed containers.

Hazardous combustion products

Oxides of carbon, chlorine, hydrogen chloride and phosgene.

6. ACCIDENTAL RELEASE MEASURES**Methods and material for containment and cleaning up****Methods for containment & cleaning up**

Use absorbent on spill, sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material. Dispose of in accordance with federal, state, and local regulations.

RCRA status

Waste solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Keep out of the reach of children.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120 F may cause bursting. Do not puncture or incinerate container. Do not reuse empty container. Wrap container and place in trash collection. Vapor may collect in low lying areas.

Incompatible Materials

Strong acids, strong alkalies, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

CHEMICAL NAME	ACGIH TLV	OSHA PEL
Carbon Dioxide	25 ppm	5000 ppm
Trichloroethylene	25 ppm	10 ppm
Tetrachloroethylene	25 ppm	100 ppm

Appropriate engineering controls

Engineering Controls

Material is heavier than air. Material may concentrate in low lying areas. Normal, forced ventilation required to meet TLV requirements. Local exhaust ventilation is generally preferred.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses.

Skin and body protection Gloves, and synthetic apron.

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

General Hygiene

Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Spray
Appearance	Clear, Colorless Spray
Color	Clear, Colorless Spray
Odor	Chlorinated solvent odor
Odor Threshold	N/D

<u>Property</u>	<u>Values</u>
pH	N/A
Melting point/freezing point	N/D
Initial boiling point and boiling range	N/D
Flash point	N/D
Evaporation rate	> 3 (Fast)
Flammability(solid/gas)	Not considered a flammable aerosol or an extremely flammable aerosol by OSHA (29CFR 1910.1200)
Upper/lower flammability or explosive limits	
Lower flammability limit	N/D
Upper flammability limit	N/D
Explosive limit lower (%)	N/D
Explosive limit upper (%)	N/D
Vapor pressure (mm hg)	N/D
Vapor density (air=1)	N/D
Relative density (h₂o=1)	1.45-1.50
Solubility(ies)	0%
Partition coefficient: n-octanol/water (k_{ow})	N/D
Autoignition temperature	N/D
Decomposition temperature	>400°C
Viscosity	N/D

10. STABILITY AND REACTIVITY

Reactivity

Chemically active metals and bases.

Chemical Stability

Stable under recommended storage conditions.

Possibility Of Hazardous Reactions

None Known

Conditions To Avoid

Temperatures greater than 122°F may cause bursting.

Incompatible Materials

Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

Hazardous Decomposition Products

Oxides of carbon, chlorine, hydrogen chloride and phosgene.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Irritation to respiratory tract, dizziness, headache, nausea, depression of central nervous system, prolonged exposure may cause unconsciousness, heart effects, liver effects, kidney effects, and death.
Eye Contact	Causes severe irritation, redness, tearing, pain, visual disturbance, may cause eye damage.
Skin Contact	Irritation likely, redness and pain. May cause localized defatting, blistering with prolonged skin contact. May be absorbed through the skin.
Ingestion	Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Tetrachloroethylene (127-18-4)	2629 mg/kg		34200 mg/m ³
Trichloroethylene (79-01-6)	4920 mg/kg	> 20000 mg/kg	8450 ppm

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity OSHA: Yes ACGIH: A2 - Suspected NTP: 2 - Anticipated IARC: 2A - Probable
OTHER: CA Prop 65

Medical condition aggravated Excessive exposure will aggravate pre-existing disorders of eyes, skin, respiratory, liver, kidney, cardiovascular system, pulmonary illnesses, or central nervous system.

Acute health hazards

Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Anesthetic, respiratory irritation, Central Nervous System depression

Oral: abdominal irritation, nausea, vomiting, and diarrhea

Chronic health hazards

Possible cancer causing agent and overexposure may also include damage to kidneys, liver, dizziness, headache, nausea, mental confusion, visual disturbances, dermatitis, lungs, blood, or central nervous system.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Tetrachloroethylene (127-18-4) LC50 (Fathead Minnow, 96hr) 18.4 mg/L; (Daphnia, 48hr) 18 mg/L; (Rainbow Trout, 96hr) 5 mg/L; (Bluegill Sunfish, 96hr) 13 mg/L

Persistence And Degradability

Component or components of this product are not biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Mobility in soil

This product is mobile in soil.

Other Adverse Effects

This material is toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

Dispose of in accordance with federal, state, and local regulations.

RCRA status

Waste solvent likely considered U228 (Trichloroethylene), hazardous, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT

UN/ID No.	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.
Hazard Class	2.2 (6.1)
Packing Group	N/A

AIR SHIPMENT

UN/ID No.	UN 1950
Proper Shipping Name	Forbidden by USDOT Regulations
Hazard Class	2.2 (6.1)
Packing Group	N/A

SHIPPING BY WATER: VESSEL IMO/IMDG

UN/ID No.	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.
Hazard Class	N/A
Packing Group	N/A
Environmental Hazards Water	Marine Pollutant

15. REGULATORY INFORMATION**International Inventories**

TSCA All Chemicals are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations**SARA 313**

Tetrachloroethylene (127-18-4); Trichloroethylene (79-01-6)

SARA 311/312 Hazard Categories

Acute Health Hazard

Chronic Health Hazard

CERCLA

Tetrachloroethylene (127-18-4) Reportable Quantity = 100 lbs Trichloroethylene (79-01-6) Reportable Quantity = 100 lbs

STATE REGULATIONS: This product can expose you to chemicals including **Trichloroethylene**, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

INTERNATIONAL REGULATIONS: Trichloroethylene, CAS 79-01-6, - EC - yes, Japan – yes, Australia – yes, Korea – yes, Canada

16. OTHER INFORMATION

NFPA	Health hazards	2	Flammability	0	Reactivity	1	Other	NONE
HMIS	Health hazards	2	Flammability	0	Reactivity	1	Personal protection	C

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Prepared By

N/A = Not Applicable; **N/D** = Not Determined

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