

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Terand Insta Melt

Other means of identification

Product Code TB-51500000-00

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

Flammable Aerosol	Category 1
Gases Under Pressure	Dissolved Gas
Acute Toxicity, Oral	Category 3
Acute Toxicity, Dermal	Category 3
Acute Toxicity, Inhalation	Category 3
Specific Target Organ Toxicity (Single Exposure)	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Toxic if swallowed, in contact with skin and if inhaled. Causes damage to organs.



Appearance: Clear, colorless spray

Physical state: Dissolved Gas

Odor: Alcohol



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. Wear protective gloves and protective clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Do not breathe fumes, mist, vapors or spray. Use only outdoors or in a well-ventilated area.

Precautionary Statements - Response

If swallowed: Immediately call a poison center or doctor. Rinse mouth. If on skin: Wash with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. If exposed: Call a poison control center or doctor.

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 federal regulations.

Hazards not otherwise classified (HNOC)**Other Information**

• N/A

Unknown Acute Toxicity

N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Methanol	67-56-1	80-100%	*
Carbon dioxide	124-38-9	1-5%	*

***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 water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation persists.

Eye Contact

Immediately flush with water for 15 minutes while holding eyelids open. Seek immediate medical attention.

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.

Ingestion

Rinse mouth out with water. Do not induce vomiting unless directed by medical authority. Seek immediate medical attention. Never give anything by mouth to an unconscious person.

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

ACUTE HEALTH HAZARDS: Inhalation of vapors may be narcotic and can be fatal. Ingestion of liquid will cause gastrointestinal distress, irritation, possibly nausea, and can be fatal. Liquid or vapors may be irritating to skin and eyes.

CHRONIC HEALTH HAZARDS: May cause damage to the following: blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS). May cause damage to eyes (including blindness), skin, lungs, respiratory and gastrointestinal

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

Treatment of overexposure should be directed at the control of symptoms and the clinical condition. Effects may be delayed. Ethanol may inhibit methanol metabolism.

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

Dry chemical, carbon dioxide, foam, and water spray or fog.

Unsuitable extinguishing media: Water jets or streams.

Unusual fire and explosion hazards

EXTREMELY FLAMMABLE. Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flash back. Keep away from heat, sparks, open flames and other sources of ignition.

Hazardous combustion products

Oxides of carbon, various hydrocarbons.

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. Avoid contact with skin and breathing smoke, fumes and decomposition products. Cool fire

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Refer to section 8 for proper Personal Protective Equipment.

Methods and material for containment and cleaning up**Methods for containment & cleaning up**

Eliminate all sources of ignition. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways. Place waste in proper containers for disposal. U.S. regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll-free number for the U.S. Coast Guard National Response Center is 800-424-8802. Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.

RCRA status

Waste likely considered D001 (Ignitable waste), 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**

Do not use or store near heat, open flames, or other sources of ignition. Wear proper personal protective equipment when using this product. Avoid contact with skin, eyes and clothing. Do not inhale mist or vapor. Do not use or store with strong oxidizers. Keep out of the reach of children. Do not ingest. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Vapors may collect in low lying areas. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health

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

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

Incompatible Materials

Strong acids, strong alkalis, strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

CHEMICAL NAME	OSHA PEL	ACGIH TLV
Methanol	200 ppm	200 ppm
Carbon dioxide	5000 ppm	5000 ppm

Appropriate engineering controls

Engineering Controls

General ventilation and local exhaust should be adequate.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses/goggles

Skin and body protection Chemical resistant gloves

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

Additional Measures

Wash hands thoroughly after handling. Do not breathe vapors. Do not eat, drink, or smoke while using product. Get medical attention if you feel unwell.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Dissolved Gas
Appearance	Clear, colorless spray
Color	Clear, colorless
Odor	Alcohol
Odor Threshold	N/D

<u>Property</u>	<u>Values</u>
pH	N/D
Melting Point/Freezing Point	N/D
Initial Boiling Point And Boiling Range	N/D
Flash Point	N/D
Evaporation Rate	N/D
Flammability (Solid/Gas)	Extremely Flammable Aerosol
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)	0.802 - 0.833@ 77 °F (25 °C)
Solubility (IES)	N/D
Partition Coefficient	N/D
Autoignition Temperature	N/D
Decomposition Temperature	N/D
Viscosity	N/D

10. STABILITY AND REACTIVITY**Reactivity**

None known

Chemical Stability

Stable

Possibility of Hazardous Reactions

None known

Conditions to Avoid

Temperatures greater than 122 °F and sources of ignition. Avoid incompatibles.

Incompatible Materials

Strong acids, strong alkalis, strong oxidizing agents

Hazardous Decomposition Products

None known

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure** Eyes, Ingestion, Inhalation, Skin**Product Information**

Skin Contact	Causes localized defatting, irritation, may be absorbed through skin with systemic effects.
Eye Contact	May cause irritation, redness, tearing.
Inhalation	Causes respiratory tract irritation, dizziness, drowsiness and central nervous system (CNS) depression. Acute exposure may cause nausea, vomiting, coughing and pulmonary irritation. Excessive exposure can cause blindness, unconsciousness and or death.
Ingestion	Not a likely route of exposure under normal product handling conditions

TOXICOLOGICAL INFORMATION: Methanol (67-56-1): LD50 (Oral, Rat) 1187-2769 mg/kg; LD50 (Dermal, Rabbit) 17100 mg/kg; LC50 (Inhalation, Rat, 4h) 85.26 mg/L. **Carbon dioxide (124-38-9):** LC50 (Inhalation, Rat, 30m) 470,000 ppm.

Information on toxicological effects**Symptoms**

ACUTE HEALTH HAZARDS: Inhalation of vapors may be narcotic and can be fatal. Ingestion of liquid will cause gastrointestinal distress, irritation, possibly nausea, and can be fatal. Liquid or vapors may be irritating to skin and eyes.

CHRONIC HEALTH HAZARDS: May cause damage to the following: blood, kidneys, liver, mucous membranes, bone marrow, central nervous system (CNS). May cause damage to eyes (including blindness), skin, lungs, respiratory and gastrointestinal tract.

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

Carcinogenicity	OSHA: No	ACGIH: No	NTP: No	IARC: No	OTHER: N/A
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ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not classifiable as a human carcinogen

NTP (National Toxicology Program)

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Methanol (67-56-1): LC50 (Pimephales promelas [flow-through], 96h) 28200 mg/L; LC50 (Pimephales promelas [static], 96h) > 100 mg/L; EC50 (Daphnia, 24h) 23500 mg/L [immobilization].

Soil Mobility

This product is mobile in soil.

Persistence and Degradability

This product is biodegradable.

Bioaccumulation

This product is not expected to bioaccumulate.

Other Adverse Effects

None known.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes	Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate, or reuse container.
RCRA status	Waste likely considered D001 (Ignitable waste), 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.

<u>DOT</u>		<u>AIR SHIPMENT</u>	
UN/ID No.	UN 1950	UN/ID No.	UN 1950
Proper Shipping Name	Aerosols, Ltd. Qty.	Proper Shipping Name	Aerosols, Flammable
Hazard Class	2.1	Hazard Class	2.1
Packing Group	N/A	Packing Group	N/A

SHIPPING BY WATER: VESSEL (IMO/IMDG)

UN/ID No.	UN 1950
Proper Shipping Name	Aerosols
Hazard Class	2.1
Environmental Hazards Water	N/A
Packing Group	N/A

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**

Methanol (67-56-1). Ethylene glycol (107-21-1).

SARA 311/312 Hazard Categories

Flammable (gases, aerosols, liquids, solids). Gas under pressure. Acute toxicity (any route of exposure). Specific target organ toxicity (single or repeated exposure).

CERCLA

Methanol (67-56-1) Reportable Quantity= 5,000 pounds. Ethylene glycol (107-21-1) Reportable Quantity= 5,000 pounds.

CWA (Clean Water Act)

Methanol (67-56-1) is a hazardous substance.

US State Regulations

California Proposition 65: WARNING: This product can expose you to chemicals including Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

U.S. State Right-to-Know Regulations

Methanol (67-56-1): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: MA, NJ, PA. Isopropyl alcohol (67-63-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL, IL, MA, MN, NJ, PA, RI, TN.

International Regulations

Listed or exempt from listing/notification on the following chemical inventories: Australian Inventory of Industrial Chemicals (AIIC, Australia); Domestic Substances List (DSL, Canada); Inventory of Existing Chemical Substances in China (IECSC, China); Korean Existing Chemicals Inventory (KECI, Korea).

Volatile Organic Compounds (VOC)

88.8%

16. OTHER INFORMATION

NFPA	Health hazards	3	Flammability	3	Reactivity	0	Other	NONE
HMIS	Health hazards	3	Flammability	3	Reactivity	0	Personal protection	B

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Revision Note

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