

Pro-Thaw™ Liquid Dryer for Refrigerants

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:

Pro-Thaw™ Liquid Dryer for Refrigerants

OTHER MEANS OF IDENTIFICATION:

PRO-THAW-1, PRO-THAW, PRO-THAW-1-GB,
PRO-THAW-GB

RECOMMENDED USE OF THE CHEMICAL:

Please see label for instruction

RESTRICTIONS ON USE:

None known

MANUFACTURED BY:

DiversiTech Corporation
3039 Premiere Parkway
Suite 600
Duluth, GA 30097

INFORMATION PHONE #: 1 800.995.2222

EMERGENCY PHONE #: 1 800.255.3924 Chem-Tel
(Chemical Emergencies)

SECTION 2. HAZARD IDENTIFICATION

CLASSIFICATION OF THE CHEMICAL:

Skin Corrosive, category 1

HAZARD SYMBOL(S):


SIGNAL WORD: Danger

HAZARD STATEMENT(S)

- H225 Highly flammable liquid and vapor.
- H301 Toxic if swallowed.
- H311 Toxic if in contact with skin.
- H331 Toxic if inhaled.
- H370 Causes damage to organs in the eyes.

PRECAUTIONARY STATEMENT(S)

- P102 Keep out of reach of children.
- P210 Keep away from heat, open flames, and hot surfaces.-No smoking.
- P233 Keep container tightly closed.
- P235 Keep cool.
- P240 Ground container and receiving equipment.
- P241 Use explosion-proof equipment.
- P242 Use only non-sparking tools.
- P243 Take precautionary measures against static discharge.
- P260 Do not breathe dust or vapors.
- P264 Wash skin thoroughly after handling.

RESPONSE

- P301+310+330 IF SWALLOWED: Immediately call a poison control center. Rinse mouth.
- P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
- P362 Take off contaminated clothing and wash it before reuse.
- P304+340+311 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center.
- P307+311 IF EXPOSED: Call a poison control center.
- P370+378 IN CASE OF FIRE: Use dry chemical, sand, or alcohol-resistant foam to extinguish.

Pro-Thaw™ Liquid Dryer for Refrigerants

- P270 Do not eat, drink, or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves and eye protection.
- P403 Store in a well-ventilated place.
- P501 Dispose of container in accordance with local regulations.

HAZARD(S) NOT OTHERWISE CLASSIFIED:
None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE:

Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	COMPOSITION, wt%	GHS CLASSIFICATION(S)
Methanol	67-56-1	60-100%	Flam. Liq. 2; STOT-SE 1; Acute Tox. 3 (Oral, Dermal)

TRADE SECRET CLAIM:

When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

NOTE:

This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

SECTION 4. FIRST AID MEASURES

GENERAL FIRST AID MEASURES:

If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED:

Immediately call a poison control center. Move person to fresh air and keep comfortable for breathing. Administer artificial respiration if needed.

IF IN EYES:

Immediately call a poison control center. Rinse eyes with water for several minutes.

MOST IMPORTANT SYMPTOMS:

May cause eye damage. Toxic if swallowed, in contact with skin, or if inhaled.

IF ON SKIN:

Immediately call a poison control center. Rinse skin with soap and water.

IF SWALLOWED:

Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

Pro-Thaw[™] Liquid Dryer for Refrigerants

INDICATION OF IMMEDIATE MEDICAL ATTENTION:

Seek immediate medical attention in the event of exposure with eyes, skin, or if inhaled.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Water spray, carbon dioxide, sand, powder extinguisher, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

SPECIFIC HAZARDS:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon monoxide, carbon dioxide, and nitrogen oxides.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Remove non-emergency personnel from the area in an orderly fashion.

PROTECTIVE EQUIPMENT:

Use appropriate chemical-resistant gloves and eye protection.

EMERGENCY PROCEDURE(S):

Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

METHODS FOR CONTAINMENT:

Cover drains and ventilate area to prevent vapor build-up.

REFERENCES:

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

METHODS FOR CLEAN UP:

For small spills, wipe with an absorbent material. For large spills, collect with sawdust, sand, or binder before cleaning. Place in an area appropriate for disposal.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

CONDITIONS FOR SAFE STORAGE:

Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

STORAGE INCOMPATIBILITIES:

None known

SECTION 8. EXPOSURE CONTROLS

INGREDIENT

Methanol

CAS No.

64742-65-0

PEL

200ppm

ACGIH

200 ppm

NIOSH

200 ppm

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

Pro-Thaw[™] Liquid Dryer for Refrigerants

EYE/FACE PROTECTION:

Eye protection is required. Wear goggles or another form of chemically resistant eye protection.

SKIN PROTECTION:

Protective gloves are required. Wear butyl-rubber gloves.

RESPIRATORY PROTECTION:

Air purifying respirators may be required based on environmental conditions of chemical use.

ENVIRONMENTAL PROTECTION:

No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colorless liquid.

pH: Not determined.

MELTING POINT: Not determined.

FLASHPOINT: 49.5°F.

FLAMMABILITY: Not determined.

VAPOR PRESSURE: Not determined.

VAPOR DENSITY: Not determined.

SOLUBILITY: Completely miscible.

AUTO-IGNITION: Not determined.

VISCOSITY: 0.55 mm²/s.

ODOR: Not determined.

ODOR THRESHOLD: Not determined.

BOILING POINT: 148.5°F.

EVAPORATION RATE: Not determined.

UPPER EXPLOSIVE %: 44% volume in air.

LOWER EXPLOSIVE %: 5.5 volume in air.

RELATIVE DENSITY: Not determined.

PARTITION COEFFICIENT: Not determined.

DECOMPOSITION TEMP: Not determined.

VOC %: 100%

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:

May form explosive mixtures with air.

CHEMICAL STABILITY:

Chemical is anticipated to be stable in normal storage conditions.

HAZARDOUS REACTIONS:

Oxidizers, halogens, acids—may produce explosion.
alkaline metals—may produce dangerous fumes.

CONDITIONS TO AVOID:

Heat, sources of ignition, direct sunlight, etc.

INCOMPATIBLE MATERIALS:

Oxidizers, halogens, acids, alkaline metals, zinc alloys, magnesium

HAZARDOUS DECOMPOSITION PRODUCTS:

None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES:

Oral – >1,100 mg/kg bw.

Dermal – >1,000 mg/kg bw.

Inhalation – >128 mg/L

SKIN CORROSION/IRRITATION:

Contains no ingredient(s) applicable to this category.

EYE DAMAGE/IRRITATION:

Contains no ingredient(s) applicable to this category

SENSITIZATION:

Respiratory: Contains no ingredient(s) applicable to this category.

Skin: Contains no ingredient(s) applicable to this category.

GERM CELL MUTAGENICITY:

Contains no ingredient(s) applicable to this category.

CARCINOGENICITY:

Contains no ingredient(s) applicable to this category.

Pro-Thaw™ Liquid Dryer for Refrigerants

REPRODUCTIVE TOXICITY:

Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:

Contains an ingredient which will cause damage to organs in eyes.

ASPIRATION HAZARD:

Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:

Contains no ingredient(s) applicable to this category.

SYMPTOMS RELATED TO CHARACTERISTICS:

Not determined.

DELAYED AND IMMEDIATE EFFECT FROM SHORT- AND LONG-TERM EXPOSURE::

Not determined.

NATIONAL TOXICOLOGY PROGRAM LISTING:

No ingredients listed.

INTERNATIONAL AGENCY FOR REACH ON CANCER LISTING:

No ingredients listed.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Algae – Contains no ingredient(s) considered toxic.

Fish – Contains no ingredient(s) considered toxic.

Crustacea – Contains no ingredient(s) considered toxic.

PERSISTENCE AND DEGRADABILITY:

Not determined.

BIOACCUMULATIVE POTENTIAL:

Not determined.

MOBILITY IN SOIL:

Not determined.

OTHER ADVERSE EFFECTS:

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL OF EMPTY CONTAINERS:

Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS:

Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD:

UN NUMBER: UN1230

LTD QTY: <1 L

UN PROPER SHIPPING NAME: Methanol.

HAZARD CLASS: 3; 6.1

PACKAGING GROUP: II

ENVIRONMENTAL HAZARD: No.

TRANSPORT IN BULK: Not determined.

SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.



Pro-Thaw[™] Liquid Dryer for Refrigerants

SECTION 15. REGULATORY INFORMATION

SARA:

311 – No applicable ingredient(s).
312 – No applicable ingredient(s).
313 – Methanol (67-56-1).

TSCA INVENTORY LIST:

Each ingredient is on the TSCA inventory list as
ACTIVE.

HMIS®III: (higher numbers indicate higher risk)

Health, 2
Flammability, 3
Physical Hazard, 0

RIGHT-TO-KNOW:

Methanol

CALIFORNIA:

Prop 65: Methanol (Reproductive Toxicity)
ARB Designation: Not in a defined category.
VOC Limit: Not in a defined category.

NFPA®: (higher numbers indicate higher risk)

Health, 2
Flammability, 3
Instability, 0

SECTION 16. OTHER INFORMATION

REVISION: 2

REVISION DATE: November 22, 2020

REVISION PURPOSE:

Revision based on the new data in relation to formula.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.