

Blast

MSDS Number: A30F

Revision Date: 03/12/12

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Distributed By: Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Web: www.wechem.com

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2 HAZARDS IDENTIFICATION

Route of Entry: Emergency overview: Aerosol: Contents under pressure. Prolonged exposure may cause chronic effects. Health injuries are not known or expected under normal use.

Target Organs: NA

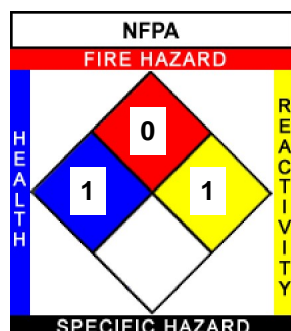
Inhalation: Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Excessive inhalation of this material causes headache, dizziness, nausea and incoordination.

Skin: Contact with liquefied gas may cause frostbite.

Eye: Contact with liquefied gas may cause frostbite. Health injuries are not known or expected under normal use.

Ingestion: Exposure by ingestion of an aerosol is unlikely. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.

NFPA: Health = 1, Fire = 0, Reactivity = 1
HMIS III: H*1/F0/PH1



HMIS III	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARDS	1
PERSONAL PROTECTION B Goggles, Gloves	

PERSONAL PROTECTION INDEX													
A	Goggles									G	Goggles + Gloves + Respirator		
B	Goggles + Gloves									H	Goggles + Gloves + Vapor Respirator + Full Suit		
C	Goggles + Gloves + Vapor Respirator									I	Goggles + Gloves + Respirator		
D	Goggles + Gloves + Vapor Respirator + Full Face Respirator									J	Goggles + Gloves + Vapor Respirator + Full Suit		
E	Goggles + Gloves + Full Face Respirator									K	Goggles + Gloves + Vapor Respirator + Full Suit		
F	Goggles + Gloves + Full Face Respirator + Airline Hood or Mante									X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions		
A	Safety Glasses	n	Splash Goggles	o	Face Shield & Eye Protection	p	Gloves	q	Boots	r	Synthetic Apron	s	Full Suit
t	Dust Respirator	u	Vapor Respirator	w	Dust & Vapor Respirator	y	Full Face Respirator	z	Airline Hood or Mante	Additional Information			

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COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
811972	1,1,1,2-Tetrafluoroethane	>90	NA	NA	D

Composition comments: This product is considered nonhazardous under 29 CFR 1910.1200 (Hazard Communication)

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FIRST AID MEASURES

Inhalation:	Remove to fresh air. Resuscitate if necessary. Seek medical attention.
Skin Contact:	Wash with soap and water. If irritated seek medical attention.
Eye Contact:	Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion:	If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not induce vomiting without advice from poison control center. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one way valve or other proper respiratory medical device. If ingestion of a large amount does occur, call a poison control center immediately.

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FIRE FIGHTING MEASURES

Flammability:	(HOC): 10.6737 kJ/g, estimated. Level 1 aerosol (NFPA 30B).
Flash Point:	None
Flash Point Method:	ND
Burning Rate:	ND
Autoignition Temp:	ND
LEL:	ND
UEL:	ND

Extinguishing media: large fires: Water spray, fog, regular foam

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing. Cool fire-exposed containers to prevent rupturing.

Unusual Fire & Explosion Hazard: Exposure to temperature above 120 Deg. F. may cause bursting.

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ACCIDENTAL RELEASE MEASURES

Methods for containment: Stop leak, if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Stop the flow of material, if this is without risk.

Methods for clean up: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. After removal flush contaminated area thoroughly with water.

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HANDLING AND STORAGE

Handling Precautions:

Pressurized container. Do not pierce or burn even after use. Do not smoke while using or until sprayed surface is thoroughly dry. Do not use if spray button is missing or defective. Do not reuse empty containers. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with skin. Avoid contact with eyes. Wear personal protective equipment.

Contents under pressure. Do not puncture, incinerate or crush. Store in a cool, well-ventilated, dry area, away from heat, sparks and sources of ignition.

Storage Requirements:

Store in a cool, dry area, away from heat, sparks and sources of ignition. Do not expose to heat or store at temperatures above 120 Deg F as can may burst. Keep out of reach of children.
Level 1 Aerosol (NFPA 30 B)

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.

Personal Protective Equip:

HMIS PP, B | Goggles, Gloves

Respiratory Protection: None required under normal conditions. For concentrations above the exposure limit, use appropriate certified respirators. If permissible exposure limits are exceeded, use NIOSH mechanical filter/ organic vapor cartridge or an air-supplied respirator.

Protective gloves: Chemical resistant gloves if hand contact will be made.

Eye protection: Safety glasses / chemical proof goggles

Hygienic work practices: Wash with soap and water before handling food. Remove contaminated clothing.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Compressed, liquefied gas	Odor:	None
Physical State:	Liquid	Molecular Formula:	NA
Odor Threshold:	NA	Solubility:	None
Particle Size:	NA	Softening Point:	NA
Spec Grav./Density:	1.2035	Percent Volatile:	NA
Viscosity:	NA	Heat Value:	NA
Sat. Vap. Concentrat.:	NA	Freezing/Melting Pt.:	NA
Boiling Point:	- 13 Deg F (-25 Deg C) estimated	Flash Point:	None
Flammability:	(HOC): 0.247 kJ/g estimated	Octanol:	NA
Vapor Pressure:	(Can psig @ 70 Deg. F): 100-110	Vapor Density:	(Air=1): NA
pH:	NA	VOC:	NA
Evap. Rate:	NA	Bulk Density:	NA
Molecular weight:	NA		

10 STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.
Conditions to Avoid:	Heat, flames, sparks
Materials to Avoid:	None known
Hazardous Decomposition:	No hazardous decomposition products known
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Component analysis- LD50

Toxicological Data - Selected LD50's and LC50's

1,1,1,2-Tetrafluoroethane: Inhalation LC50 Rat 1500 g/m³ 4h

Sensitization: Not expected to be hazardous by OSHA criteria

Teratogenicity: Not expected to be hazardous by OSHA criteria

12 ECOLOGICAL INFORMATION

Ecotoxicity: This product has no known eco-toxicological effects.

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DISPOSAL CONSIDERATIONS

Contents under pressure. Do not puncture, incinerate or crush. This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4(b)(4)). Under RCRA, it is the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose of according to local, state, or federal regulations.

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TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*1,1,1,2- Tetraflouroethane (811972 >90%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

US Federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

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OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined