

MSDS *Material Safety Data Sheet*

Wechem, Inc.



Phaser

MSDS Number: A97C

Revision Date: 10/20/09

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
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2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, eye, ingestion, skin absorption
Target Organs: NA
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea, irregular heartbeat and other central nervous system effects.
Skin Contact: May cause irritation with redness, itching and burning. Frequent or prolonged contact can result in defatting and drying of skin, leading to dermatitis.
Eye Contact: May cause irritation, stinging, redness, tearing, blurred vision and frostbite.
Ingestion: May be harmful if swallowed. Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into lungs can cause pulmonary injury.

HMIS II-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 1
HMIS III-ratings (scale 0-4): Health = 1, Fire = 1, Physical Hazard = 1
NFPA-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 1



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Revision Date: 10/20/09

Page 2 of 5

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name	OSHA PEL (PPM)	ACGIH TLV (PPM)	CARCIN. REF.
156605	NA	1,2-Dichloroethylene	NA	200	D
406586	NA	1,1,1,3,3-pentafluoro- butane	NA	NA	D
138495428	NA	1,1,1,2,2,3,4,5,5,5-deca- fluoropentane	NA	200*	D
811972	NA	1,1,1,2-Tetraflouroethane	NA	NA	D

* Acceptable Exposure Limit (AEL) established by manufacturer

4 FIRST AID MEASURES

Inhalation:	Remove to fresh air. Resuscitate if necessary. Get 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:	Do not induce vomiting. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flash Point:	None
Flash Point Method:	NA
Burning Rate:	ND
Autoignition Temperature:	ND
LEL:	ND
UEL:	ND
Flammability Classification:	(Per CSMA Flame Projection Test): Non-flammable Spray

Extinguishing media: Foam, dry media, CO2

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

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

6 ACCIDENTAL RELEASE MEASURES

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources, and open flame away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with federal, state, and local laws.



Phaser

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Revision Date: 10/20/09

Page 3 of 5

7 HANDLING AND STORAGE

Handling Precautions: Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120 Deg. F.
For industrial and institutional use only

Storage Requirements: Store in a cool, dry area away from heat or open flame. Do not store at temperatures above 120 Deg. F. Keep out of reach of children.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust to keep vapor concentration below TLV.

Protective Equipment: HMIS PP, B | Goggles, Gloves
HMIS PP, G | Goggles, Gloves, Vapor Respirator
Respiratory Protection: None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below established exposure limits, use a NIOSH approved respiratory protection, as appropriate
Protective gloves: Chemical resistant.
Eye protection: Safety glasses/ chemical splash goggles

Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	(Concentrate): Clear, colorless liquid		
Physical State:	Liquid	Boiling Point:	~110 Deg. F.
Odor:	Solvent	Freezing/Melting Pt.:	NA
pH:	NA	Solubility:	Insoluble
Vapor Pressure:	(Can psig @ 72 Deg. F.): 70	Spec Grav./Density:	(H2O=1): @ 70 Deg. F: 1.254
Vapor Density:	(Air=1): >1		
Heat Value:	NA		
VOC:	<50 %		
Evap. Rate:	NA		
Bulk Density:	NA		
Octanol:	NA		
Molecular Weight:	NA		
Particle Size:	NA		
Softening Point:	NA		
Viscosity:	NA		
Percent Volatile:	NA		
Sat. Vap. Concentrat.:	NA		
Molecular Formula:	NA		



Phaser

MSDS Number: A97C

Revision Date: 10/20/09

Page 4 of 5

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Contact with incompatible materials, heat
Materials to avoid (incompatibility):	Strong oxidizing agents, steam, alkali or alkaline earth metals, and strong bases.
Hazardous Decomposition products:	Carbon dioxide, carbon monoxide, halogens, hydrochloric acid, hydrofluoric acid, and small amounts of carbonyl halides such as Phosgene and Fluorophosgene.
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

NA

12 ECOLOGICAL INFORMATION

Releases of this product to the environment are regulated by federal and state laws. Use only in accordance with label directions.

13 DISPOSAL CONSIDERATIONS

Aerosol cans, when vented to atmospheric pressure through normal use, pose no disposal threat. Dispose of properly according to local, state, or federal regulations.

14 TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D



Phaser

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Page 5 of 5

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*1,2-Dichloroethylene (156605) CERCLA, MASS, PA, PRIPOL, TOXICRCRA, TSCA, TXHWL

*Butane, 1,1,1,3,3-pentafluoro- (406586) TSCA

*Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro- (138495428) TSCA

*1,1,1,2- Tetrafluoroethane (811972) TSCA

CERCLA = Superfund clean up substance
MASS = MA Massachusetts Hazardous Substances List
PA = PA Right-To-Know List of Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TSCA = Toxic Substances Control Act
TXHWL = TX Hazardous Waste List

16 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

END OF MSDS DOCUMENT