

MSDS *Material Safety Data Sheet*

Wechem Inc.



Lift Off

MSDS Number: A140D

Revision Date: 11/12/07

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption, inhalation
Target Organs: NA
Inhalation: High vapor/aerosol concentrations (>1000 ppm) are irritating to the respiratory tract.
Skin Contact: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.
Eye Contact: Causes severe irritation, experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva
Ingestion: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.
HMIS II-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 0
HMIS III-ratings (scale 0-4): Health = 1, Fire = 1, Physical Hazard = 1
NFPA-ratings (scale 0-4): Health = 1, Fire = 1, Reactivity = 0

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
112345	Diethylene Glycol Monobutyl Ether	< 8	35	35	D
74986	Propellant mixture Propane	NA	1000	1000	D
106978	N- Butane	NA	600	600	D



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4 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: Do not induce vomiting. Get medical attention immediately. Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person

NOTE TO PHYSICIAN : Probable mucosal damage may contraindicate the use of gastric lavage:

5 FIRE FIGHTING MEASURES

Flash Point: None to boiling (212 Deg. F.)
Flash Point Method: TOC
Burning Rate: ND
Autoignition Temperature: ND
LEL: ND
UEL: ND
Flammability Classification: Non-flammable spray

Extinguishing media: Foam, dry chemical, carbon dioxide

Special Fire fighting procedures: Use self-contained breathing apparatus.

Unusual Fire & Explosion Hazard: Do not expose aerosol to temperatures above 120 Deg. F. for the container may rupture.

6 ACCIDENTAL RELEASE MEASURES

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat source and open flame far 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.

7 HANDLING AND STORAGE

Handling Precautions: Do not puncture or incinerate containers. Do not store at temperatures above 130 Deg. F. Store in a cool, dry area away from sparks, flames and other source of ignition. Do not get in eyes, on skin or on clothing. Intentional misuse by deliberately concentrating and inhaling may be harmful or fatal. Keep out of reach of children

Storage Requirements: Do not puncture or incinerate containers. Do not store at temperatures above 130 Deg. F. Store in a cool, dry area away from sparks, flames and other source of ignition. Keep out of reach of children.



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Adequate ventilation to keep vapor concentration below TLV.
Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None needed for proper use in accordance with label directions.
Protective gloves: None needed but use chemical resistant gloves if hand contact will be made.
Eye protection: None needed unless it is anticipated that a splash or spray back will occur. Then wear safety glasses or chemical proof goggles.

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

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	(Aerosol concentrate only) Slightly cloudy liquid		
Physical State:	Liquid	Boiling Point:	163 Deg. F.
Odor:	Pleasant	Freezing/Melting Pt.:	NA
pH:	12 +/- 1	Solubility:	Complete
Vapor Pressure:	(@ 70 Deg. F.): NA	Spec Grav./Density:	(H2O=1): @ 70 Deg. F: 1.00
Vapor Density:	(Air=1): >1		
Heat Value:	NA		
VOC:	NA		
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		

10 STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Open flames, welding arcs, heat

Materials to avoid (incompatibility): Strong oxidizers, acids

Hazardous Decomposition products: Carbon monoxide, Carbon dioxide

Hazardous Polymerization: Will not occur

11 TOXICOLOGICAL INFORMATION

NA



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12 ECOLOGICAL INFORMATION

NA

13 DISPOSAL CONSIDERATIONS

Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

14 TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Diethylene glycol monobutyl ether (112345 <8%) HAP, SARA313

*Propane (74986) MASS, NJHS, OSHAWAC, PA, TXAIR

*n-Butane (106978) MASS, NJHS, OSHAWAC, PA, TXAIR

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants
SARA313 = SARA 313 Title III Toxic Chemicals

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
OSHA = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level

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