

MSDS *Material Safety Data Sheet*

Wechem, Inc.

Grip

MSDS Number: A110E

Revision Date: 06/08/09

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr

Harahan, LA 70123

Contact: Charito Kuylen
Telephone Number: 504-733-1152
FAX Number: 504-733-2218
E-Mail:
Web www.wechem.com

Product Name: Grip
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2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, skin absorption, ingestion, eye

Target Organs:

Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract and central nervous system effects, including dizziness, nausea, headaches, unconsciousness or death. Long term overexposure may cause liver or kidney injury.

Skin Contact: Frequent or prolonged contact may cause irritation and possibly dermatitis. May aggravate existing skin conditions.

Eye Contact: Causes severe irritation, redness, tearing, blurred vision.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting, diarrhea. Aspiration of material into lungs can cause chemical pneumonitis and pulmonary edema.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 2, Reactivity = 0

HMIS III-ratings (scale 0-4): Health = 2, Fire = 2, Physical Hazard = 2

NFPA-ratings (scale 0-4): Health = 2, Fire = 2, Reactivity = 0

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3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
68476868	Liquefied Petroleum Gas	35-45	1000	1000	D
64741668	Isoparaffinic Hydrocarbon	1-10	NA	281*	D
79016	Trichloroethylene	30-40	100	100	B,C
9003296	Polybutene	10-20	N/A	N/A	D

*Manufacturer's Recommended Exposure Level (REL) TWA

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.

5 FIRE FIGHTING MEASURES

Flash Point:	156 Deg. F.
Flash Point Method:	TOC
Burning Rate:	ND
Autoignition Temperature:	ND
LEL:	ND
UEL:	ND
Flammability Classification:	Per USA Flame Projection Test: Flammable spray

Extinguishing media: Foam, dry chemical, carbon dioxide

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.

6 ACCIDENTAL RELEASE MEASURES

Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping.

7 HANDLING AND STORAGE

Handling Precautions:	Store in a cool, dry area away from heat, spark, or any other source of ignition. For industrial and institutional use only.
Storage Requirements:	Store in a cool, dry area away from heat, spark, or any other source of ignition. Keep out of reach of children.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.
Protective Equipment: HMIS PP, G | Goggles, Gloves, Vapor Respirator
Respiratory Protection: If workplace exposure limits are exceeded, use a NIOSH/MSHA approved respirator for single, short-term exposure. Use a positive-pressure, air-supplied respirator for multiple or long-term exposures.
Protective gloves: Chemical resistant
Eye protection: Safety glasses / goggles
Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	(Aerosol concentrate only): Transparent liquid	Boiling Point:	~ 190 Deg. F.
Physical State:	Liquid	Freezing/Melting Pt.:	NA
Odor:	Solvent	Solubility:	Insoluble
pH:	NA	Spec Grav./Density:	(H2O=1): 1.14 @ 75 Deg. F.
Vapor Pressure:	(Can psig@ 70 Deg. F): 50		
Vapor Density:	(Air=1): >1		
Heat Value:	NA		
VOC:	83.81 %		
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: Contact with strong oxidizing agents, heat
Materials to avoid (incompatibility): Strong oxidizing agents
Hazardous Decomposition products: Carbon monoxide, Carbon dioxide, hydrogen chloride, and possible trace amount of phosgene
Hazardous Polymerization: Will not occur

11 TOXICOLOGICAL INFORMATION

NA

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12 ECOLOGICAL INFORMATION

NA

13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state or federal regulations.

14 TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Liquefied Petroleum Gas (68476868 35-45%) MASS, OSHAWAC, PA, TXAIR

*Trichloroethylene (79016 30-40%) CERCLA, CSWHS, EPCRAWPC, HAP, HWRCRA, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TXAIR, TXHWL

*Naphtha, petroleum, light alkylate (64741668 1-10%) TSCA

*Butene, homopolymer (9003296 10-20%) TSCA

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
CERCLA = Superfund clean up substance
CSWHS = Clean water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
HWRCRA = RCRA Hazardous Wastes
NJHS = NJ Right-to-Know Hazardous Substances
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICPOL = Clean Water Act Toxic Pollutants
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List

TSCA = Toxic Substances Control Act

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

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END OF MSDS DOCUMENT