

Glide

MSDS Number: A105F

Revision Date: 12/1/2014

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

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Product Name: Glide
Revision Date: 12/1/2014
MSDS Number: A105F
Product Code: A105
Product Use: Food Grade Dry Silicone Spray

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

Route of Entry: Skin contact, inhalation, eye contact
Target Organs: NA
Inhalation: May be fatal if swallowed and enters airways.
Skin Contact: Frequent or prolonged contact may cause temporary irritation.
Eye Contact: Direct contact with eyes may cause temporary irritation.
Ingestion: May be fatal if swallowed and enters airways. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

PERSONAL PROTECTION INDEX													
A		G											
B		H											
C		I											
D		J											
E		K											
F		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions										
A		n		O		p		q		r		s	
t		u		w		y		z		Additional Information			

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GHS Signal Word:
DANGER

GHS Hazard Pictograms:



GHS Classifications:
Physical, Flammable Aerosols, 1
Health, Aspiration hazard, 1
Environmental, Hazards to the aquatic environment - Acute, 3
Environmental, Hazards to the aquatic environment - Chronic, 3

GHS Phrases:
H222 - Extremely flammable aerosol
H304 - May be fatal if swallowed and enters airways
H402 - Harmful to aquatic life
H412 - Harmful to aquatic life with long lasting effects

GHS Precautionary Statements:
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P405 - Store locked up.
P410+412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

96.06% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 96.06% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Cas #	Chemical Name	Perc. (Wt)	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
106-97-8	Butane	40-60%	1000	1000	D
74-98-6	Propane	20-40%	1000	1000	D
64741-65-7	Naphtha, petroleum, heavy alkylate (Odorless Mineral spirits)	10-20%	NA	NA	D

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63148-62-9 Polydimethyl siloxane |2.5-10%| NA NA D

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FIRST AID MEASURES

- Inhalation:** Move to fresh air. Call a physician if symptoms develop or persist.
- Skin Contact:** Rinse skin with water/shower.
- Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.
- Ingestion:** Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary edema and pneumonitis.

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FIRE FIGHTING MEASURES

- Flammability:** Flammable
- Flash Point:** -156 Deg. F. (-104.44 C) Propellant estimated
- Flash Point Method:** NA
- Burning Rate:** ND
- Autoignition Temp:** ND
- LEL:** ND
- UEL:** ND

Extinguishing media: Alcohol resistant foam. Water spray. Water fog. Dry chemical powder.

Unusual Fire & Explosion Hazard: Contents under pressure. Pressurized container may explode when exposed to heat or flame.

Special Fire fighting procedures: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

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ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move cylinder to a safe and open area if the leak is irreparable. Collect spillage. Use water spray to reduce vapors or divert vapor cloud drift. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

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HANDLING AND STORAGE

Handling Precautions:

Do not handle or store near an open flame, heat or other sources of ignition. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Use non-sparking tools or explosion-proof equipment. Do not re-use empty containers. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated areas. Observe good industrial hygiene practices. Wash hands thoroughly after handling. Do not empty into drains.

Storage Requirements:

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50C/122F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS). Level 3 Aerosol.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ventilation Requirement: Explosion-proof general and local exhaust ventilation.

Personal Protective Equip:

HMIS PP, A | Goggles

Respiratory Protection: If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

Protective gloves: Use chemical resistant gloves if hand contact will be made.

Eye protection: Safety glasses/ goggles

Wear appropriate thermal protective clothing, when necessary.

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, Colorless Aerosol	Odor:	Solvent
Physical State:	Gas	Solubility:	NA
Spec Grav./Density:	0.513 estimated	Freezing/Melting Pt.:	NA
Viscosity:	NA	Flash Point:	-156 Deg. F. (-104.44 C) Propellant estimated
Flammability:	Extremely Flammable Aerosol	Octanol:	NA
Vapor Pressure:	60-70@ 70 Deg. F estimated	Vapor Density:	NA
pH:	NA	VOC:	NA

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STABILITY AND REACTIVITY

Stability:	Stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid:	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Materials to Avoid:	None known
Hazardous Decomposition:	None known
Hazardous Polymerization:	Will not occur

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TOXICOLOGICAL INFORMATION

Ingestion May be fatal if swallowed and enters airways. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

Inhalation May be fatal if swallowed and enters airways.

Skin contact Frequent or prolonged contact may cause temporary irritation.

Eye contact Direct contact with eyes may cause temporary irritation.

Symptoms related to the physical, chemical and toxicological characteristics: If aspirated into lungs during swallowing or vomiting, may cause pneumonia, pulmonary injury or death.

Acute toxicity: Expected to be a low hazard for usual industrial or commercial handling by trained personnel. May be fatal if swallowed and enters airways.

Product

11 OZ GLIDE (CAS Mixture)

Acute

Dermal LD50 14738.5498 mg/kg estimated (Rat)
Inhalation LC50 1197.3326 mg/l, 2 hrs, estimated (Mouse)
LC50 5999.0918 mg/l, 15 mins, estimated (Rat)
LC50 1158.5953 mg/l, 4 hrs, estimated (Rat)
LC50 813.9132 mg/l, 4 hrs estimated (Rat)

Components

Butane (106-97-8)

Acute

Inhalation LC50 680 mg/l, 2hrs (Mouse)
LC50 658 mg/l, 4 hrs (Rat)

Propane (74-98-6)

Acute

Inhalation LC50 >1442.847 mg/l, 15 mins (Rat)
LC50 658 mg/l, 4 hrs (Rat)

Prolonged skin contact may cause temporary irritation.

Direct contact with eyes may cause temporary irritation.

This product is not a respiratory sensitizer.

This product is not expected to cause skin sensitization.

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

This product is not expected to cause reproductive or developmental effects.

May be fatal if swallowed and enters airways.

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ECOLOGICAL INFORMATION

Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.

Product

11 OZ GLIDE (CAS Mixture)

Fish LC50 354.5582 mg/l, 96 hrs estimated (Fish)

Components

Naphtha, petroleum, heavy alkylate (64741-65-7)
(Odorless Mineral Spirits)

Algae IC50 30000 mg/L, 72 hrs (Algae)

Polydimethyl siloxane (63148-62-9)

Fish LC50 2.36-4.15 mg/l, 96 hrs channel catfish (*Ictalurus punctatus*)

No data is available on the degradability of this product.

Bioaccumulative potential: No data available

Partition coefficient n-octanol/water (log Kow)

Propane 2.36

Butane 2.89

No data on the mobility in soil.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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DISPOSAL CONSIDERATIONS

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations.

The waste code should be assigned in discussion between user, the producer and the waste disposal company.

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see Disposal instructions).

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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TRANSPORT INFORMATION

DOT

UN number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es) 2.1
Subsidiary class(es) Not available
Packing group Not available
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Labels required 2.1
Special provisions N82
Packaging exceptions 306
Packaging non bulk None
Packaging bulk None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity-ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/21/20 and may be used now in place of the "Consumer Commodity ORM-D" marking on both and may be displayed concurrently.

IATA

UN number UN1950
UN proper shipping name Aerosols, flammable
Transport hazard class(es) 2.1
Subsidiary class(es) -
Packing group Not available
Environmental hazards No
Labels required 2.1
ERG Code 10L
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Other information
Passenger and cargo aircraft Allowed
Cargo aircraft only Allowed
Packaging exceptions LTD QTY

IMDG

UN number UN1950
UN proper shipping name AEROSOLS
Transport hazard class(es) 2.1
Subsidiary class(es) -
Packing group Not available
Environmental hazards
Marine pollutant No
Labels required None
EmS F-D, S-U
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Packaging exceptions LTD QTY
Transport in bulk according to AnnexII of MARPOL 73/78 and the IBC Code Not applicable.

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

-
- *Butane (106978 40-60%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
 - *Propane (74986 20-40%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR
 - *Naphtha, petroleum, heavy alkylate (64741657 10-20%) TSCA
(Odorless Mineral Spirits)
 - *Polydimethyl Siloxane (63148629 2.5-10%) TSCA

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

REGULATORY KEY DESCRIPTIONS

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
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

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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