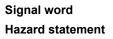


## SAFETY DATA SHEET

#### 1. Identification

1. Identification			
Product identifier	Extreme Duty Silicone		
Other means of identification			
Product code	03030		
Recommended use	Silicone-based multi-purpose lubricant		
<b>Recommended restrictions</b>	None known.		
Manufacturer/Importer/Supplier	r/Distributor information		
Manufactured or sold by:			
Company name	CRC Industries, Inc.		
Address	885 Louis Dr.		
	Warminster, PA 18974 US		
Telephone			
General Information	215-674-4300		
Technical	800-521-3168		
Assistance			
Customer Service	800-272-4620		
24-Hour Emergency	800-424-9300 (US)		
(CHEMTREC)	703-527-3887 (International)		
Website	www.crcindustries.com		
2. Hazard(s) identification	n		
Physical hazards	Flammable aerosols	Category 1	

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Liquefied gas
Health hazards	Skin corrosion/irritation	Category 2
	Reproductive toxicity (fertility)	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Specific target organ toxicity, repeated exposure	Category 2
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, long-term hazard	Category 2
OSHA defined hazards	Not classified.	
Label elements		



Danger

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of damaging fertility. May cause damage to organs (nervous system, upper respiratory tract, skin, eyes) through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

Precautionary statement	
Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces No smoking. Do not spray on an open flame or other ignition source. Do not apply while equipment is energized. Pressurized container: Do not pierce or burn, even after use. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Do not breathe gas. Do not breathe mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If exposed or concerned: Get medical attention. Collect spillage.
Storage	Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.
Disposal	Dispose of contents/container in accordance with local/regional/national regulations.
Hazard(s) not otherwise classified (HNOC)	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

## 3. Composition/information on ingredients

**Mixtures** 

Chemical name	Common name and synonyms	CAS number	%
Naphtha (petroleum), hydrot light	reated	64742-49-0	40 - 50
1,1-Difluoroethane	HFC-152a	75-37-6	30 - 40
2-Methylpentane		107-83-5	10 - 20
Chlorophenylmethylpolysilox	ane	68957-05-1	3 - 5
n-Hexane		110-54-3	1 - 3
2,2-Dimethylbutane		75-83-2	< 0.2

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing	None known.

media

Specific hazards arising from the chemical	Contents under pressure. Pressurized container may rupture when exposed to heat or flame. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.
General fire hazards	Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Remove all possible sources of ignition in the surrounding area. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not breathe gas. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop the flow of material, if this is without risk. 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. Prevent entry into waterways, sewer, basements or confined areas.
Environmental precautions	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. Use appropriate containment to avoid environmental contamination.
7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. 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. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Do not breathe mist or vapor. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, please see the product label.
Conditions for safe storage, including any incompatibilities	Level 3 Aerosol. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. 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. Avoid spark promoters. These alone may be insufficient to remove static electricity. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

#### 8. Exposure controls/personal protection

# Occupational exposure limits US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) Components Type Value n-Hexane (CAS 110-54-3) PEL 1800 mg/m3

Components	or Air Contaminants (2 Type			/alue
			5	00 ppm
US. ACGIH Threshold Limit	Values			
Components	Туре		١	/alue
2,2-Dimethylbutane (CAS 75-83-2)	STEL		1	000 ppm
	TWA			500 ppm
2-Methylpentane (CAS 107-83-5)	STEL			000 ppm
	TWA			600 ppm
n-Hexane (CAS 110-54-3)	TWA		5	50 ppm
US. NIOSH: Pocket Guide to Components	Chemical Hazards Type		١	/alue
2,2-Dimethylbutane (CAS 75-83-2)	Ceiling		1	800 mg/m3
				i10 ppm
	TWA			350 mg/m3
				00 ppm
2-Methylpentane (CAS 107-83-5)	Ceiling			800 mg/m3
	<b>T</b> \A/A			10 ppm
	TWA			350 mg/m3
	<b>T</b> \A/A			00 ppm
n-Hexane (CAS 110-54-3)	TWA			80 mg/m3 i0 ppm
US. AIHA Workplace Environ	nmental Exposure Leve	el (WEEL) Guid	es	
US. AIHA Workplace Environ Components	nmental Exposure Leve Type	el (WEEL) Guid		/alue
		əl (WEEL) Guid	١	<b>/alue</b> 2700 mg/m3
Components 1,1-Difluoroethane (CAS	Туре	əl (WEEL) Guid	2	
Components 1,1-Difluoroethane (CAS	Туре	əl (WEEL) Guid	2	2700 mg/m3
Components 1,1-Difluoroethane (CAS 75-37-6)	Type TWA	əl (WEEL) Guid	2	2700 mg/m3
Components          1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Values	Type TWA	el (WEEL) Guid	2	2700 mg/m3
Components         1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Values	Type TWA Indices alue D 4 mg/l 2 n	Determinant ,5-Hexanedio , without	2 1	2700 mg/m3 000 ppm
Components         1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Value         n-Hexane (CAS 110-54-3)       0.	Type TWA Indices alue D 4 mg/l 2 n h	Determinant ,5-Hexanedio , without ydrolysis	2 1 Specimen	2700 mg/m3 000 ppm Sampling Time
Components         1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Value         n-Hexane (CAS 110-54-3)       0.         * - For sampling details, please	Type TWA Indices alue D 4 mg/l 2 n h	Determinant ,5-Hexanedio , without ydrolysis	2 1 Specimen	2700 mg/m3 000 ppm Sampling Time
Components         1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Values         n-Hexane (CAS 110-54-3)       0.         * - For sampling details, please         posure guidelines	Type TWA Indices alue D 4 mg/l 2 n h e see the source docume	Determinant ,5-Hexanedio , without ydrolysis	2 1 Specimen	2700 mg/m3 000 ppm Sampling Time
Components          1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Value         n-Hexane (CAS 110-54-3)       0.         * - For sampling details, please         posure guidelines         US - California OELs: Skin d         n-Hexane (CAS 110-54-3	Type TWA Indices alue D 4 mg/l 2 n h e see the source docume esignation	Determinant ,5-Hexanedio , without ydrolysis ent. Can be	2 1 Specimen	2700 mg/m3 000 ppm Sampling Time *
Components          1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Values         n-Hexane (CAS 110-54-3)       0.         * - For sampling details, please         posure guidelines         US - California OELs: Skin d         n-Hexane (CAS 110-54-3)         US ACGIH Threshold Limit Values	Type TWA Indices alue D 4 mg/l 2 n h e see the source docume esignation ) /alues: Skin designatio	Determinant ,5-Hexanedio , without ydrolysis ent. Can be	2 1 Specimen Urine	2700 mg/m3 000 ppm <b>Sampling Time</b> *
Components          1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Value         n-Hexane (CAS 110-54-3)       0.         * - For sampling details, please         posure guidelines         US - California OELs: Skin d         n-Hexane (CAS 110-54-3)         US ACGIH Threshold Limit V         n-Hexane (CAS 110-54-3)	Type TWA Indices alue D 4 mg/l 2 n 4 mg/l 2 n k e see the source docume esignation / alues: Skin designation )	Determinant 7,5-Hexanedio 1, without ydrolysis ent. Can be on Can be	V 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	2700 mg/m3 000 ppm <b>Sampling Time</b> * bugh the skin.
Components          1,1-Difluoroethane (CAS         75-37-6)         logical limit values         ACGIH Biological Exposure         Components       Value         n-Hexane (CAS 110-54-3)       0.         * - For sampling details, please         posure guidelines         US - California OELs: Skin d         n-Hexane (CAS 110-54-3)         US ACGIH Threshold Limit V         n-Hexane (CAS 110-54-3)	Type TWA Indices alue D 4 mg/l 2 4 mg/l 2 n b e see the source docume esignation ) /alues: Skin designation ) Good general ventilation should be matched to co or other engineering co exposure limits have no	Determinant ,5-Hexanedio , without ydrolysis ent. Can be on Can be conditions. If approvides to mainta ot be on establisli	Specimen Urine Urine absorbed thro ir changes per blicable, use pr in airborne lev ned, maintain a	2700 mg/m3 000 ppm Sampling Time * bugh the skin. hough the skin. hour) should be used. Ventilation rates rocess enclosures, local exhaust ventilation els below recommended exposure limits.
Components 1,1-Difluoroethane (CAS 75-37-6) logical limit values ACGIH Biological Exposure Components Va n-Hexane (CAS 110-54-3) 0. * - For sampling details, please osure guidelines US - California OELs: Skin d n-Hexane (CAS 110-54-3 US ACGIH Threshold Limit V n-Hexane (CAS 110-54-3 oropriate engineering ttrols	Type         TWA         Indices         alue       D         4 mg/l       2         m       h         e see the source docume         esignation         //alues: Skin designation	Determinant ,5-Hexanedio , without ydrolysis ent. Can be on Can be on (typically 10 a conditions. If app ontrols to mainta ot been establisl ergency shower	Specimen Urine absorbed thro ir changes per blicable, use pr in airborne lev ned, maintain a must be availa	2700 mg/m3 000 ppm Sampling Time * bugh the skin. hour) should be used. Ventilation rates rocess enclosures, local exhaust ventilation els below recommended exposure limits. airborne levels to an acceptable level. Eye
Components 1,1-Difluoroethane (CAS 75-37-6) logical limit values ACGIH Biological Exposure Components Va n-Hexane (CAS 110-54-3) 0. * - For sampling details, please osure guidelines US - California OELs: Skin d n-Hexane (CAS 110-54-3 US ACGIH Threshold Limit V n-Hexane (CAS 110-54-3 oropriate engineering ttrols	Type         TWA         Indices         alue       D         4 mg/l       2         m       h         e see the source docume         esignation         //alues: Skin designation	Determinant ,5-Hexanedio , without ydrolysis ent. Can be on Can be on (typically 10 a conditions. If app ontrols to mainta ot been establist ergency shower ective equipment	A Specimen Urine absorbed thro in changes per blicable, use pri in airborne lev ned, maintain a must be availa nt	2700 mg/m3 000 ppm Sampling Time * bugh the skin. hour) should be used. Ventilation rates rocess enclosures, local exhaust ventilation els below recommended exposure limits. airborne levels to an acceptable level. Eye
Components 1,1-Difluoroethane (CAS 75-37-6) logical limit values ACGIH Biological Exposure Components Va n-Hexane (CAS 110-54-3) 0. * - For sampling details, please ossure guidelines US - California OELs: Skin d n-Hexane (CAS 110-54-3 US ACGIH Threshold Limit V n-Hexane (CAS 110-54-3 oropriate engineering trols	Type TWA Indices alue D 4 mg/l 2 4 mg/l 2 h e see the source docume esignation / /alues: Skin designation / /alues: Skin designation / / alues: Skin designation / / alues: Alue / / alu	Determinant ,5-Hexanedio , without ydrolysis ent. Can be on Can be on (typically 10 a conditions. If app ontrols to mainta ot been establist ergency shower ective equipment	A Specimen Urine absorbed thro in changes per blicable, use pri in airborne lev ned, maintain a must be availa nt	2700 mg/m3 000 ppm Sampling Time * bugh the skin. hour) should be used. Ventilation rates rocess enclosures, local exhaust ventilation els below recommended exposure limits. airborne levels to an acceptable level. Eye
Components 1,1-Difluoroethane (CAS 75-37-6) logical limit values ACGIH Biological Exposure Components Va n-Hexane (CAS 110-54-3) 0. * - For sampling details, please osure guidelines US - California OELs: Skin d n-Hexane (CAS 110-54-3) US ACGIH Threshold Limit V n-Hexane (CAS 110-54-3) oropriate engineering strols	Type TWA Indices alue D 4 mg/l 2 4 mg/l 2 h e see the source docume esignation / /alues: Skin designation / /alues: Skin designation / / alues: Skin designation / / alues: Alue / / alu	Determinant ,5-Hexanedio , without ydrolysis ent. Can be con can be con (typically 10 a conditions. If app ontrols to mainta ot been establish ergency shower ective equipment ith side shields (	A Specimen Urine Urine absorbed thro in changes per blicable, use pr in airborne lev ned, maintain a must be availa nt or goggles).	2700 mg/m3 000 ppm Sampling Time * bugh the skin. bugh the skin. r hour) should be used. Ventilation rates rocess enclosures, local exhaust ventilation els below recommended exposure limits. airborne levels to an acceptable level. Eye able when handling this product.

Respiratory protection	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or 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.

#### 9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Aerosol.
Color	Clear water-white.
Odor	Mild solvent.
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-244.7 °F (-153.7 °C) estimated
Initial boiling point and boiling range	118.4 °F (48 °C) estimated
Flash point	< 0 °F (< -17.8 °C) Tag Closed Cup
Evaporation rate	Fast.
Flammability (solid, gas)	Not available.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1 % estimated
Flammability limit - upper (%)	8 % estimated
Vapor pressure	3083.3 hPa estimated
Vapor density	> 1 (air = 1)
Relative density	0.76 estimated
Solubility (water)	Negligible.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	437 °F (225 °C) estimated
Decomposition temperature	Not available.
Viscosity (kinematic)	Not available.
Percent volatile	97 % estimated

#### 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	Carbon oxides.

### 11. Toxicological information

#### Information on likely routes of exposure

Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Inhalation	May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Eye contact

Symptoms related to the

physical, chemical and toxicological characteristics

Causes skin irritation.

Direct contact with eyes may cause temporary irritation.

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Skin irritation. May cause redness and pain.

#### Information on toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways. Narcotic effects.

Acute toxicity	May be fatal it swallowed and enters alrways. Narcotic effects.	
Product	Species Test Results	
Extreme Duty Silicone		
Acute		
Dermal		
LD50	Rabbit	4176.125 mg/kg estimated
Inhalation		
LC50	Rat	66693.3438 ppm, 4 hours estimated
		62.4636 mg/l, 4 hours estimated
Oral		
LD50	Rat	5884.707 mg/kg estimated
* Estimates for product may b	e based on additional component da	ata not shown.
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may caus	se temporary irritation.
Respiratory sensitization	Not available.	
Skin sensitization	This product is not expected to cause skin sensitization.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
Reproductive toxicity	Suspected of damaging fertility.	
Specific target organ toxicity - single exposure	May cause drowsiness and dizzin	ess.
Specific target organ toxicity - repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
Aspiration hazard	May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.	
Chronic effects	Prolonged inhalation may be harmful. May cause damage to organs through prolonged or repeated exposure.	
12. Ecological information	n	
Footovicity	Toxic to aquatic life with long lasti	ng offocto

Ecotoxicity	Toxic to aquatic life with long lasting effects.		
Product		Species	Test Results
Extreme Duty Silicone			
Aquatic			
Fish	LC50	Fish	2398.897 mg/l, 96 hours estimated
Components		Species	Test Results
n-Hexane (CAS 110-54-3)			
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	2.101 - 2.981 mg/l, 96 hours
* Estimates for product may	be based on	additional component data not shown.	
Persistence and degradability	No data is	s available on the degradability of this product.	
Bioaccumulative potential	No data available.		
Partition coefficient n-oct	anol / water (	log Kow)	
1,1-Difluoroethane		0.75	
2,2-Dimethylbutane		3.82	

2-Methylpentane n-Hexane	3.74 3.9	
Mobility in soil	No data available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	
13. Disposal considerati	ons	
Disposal of waste from residues / unused products	If discarded, this product is considered a RCRA ignitable waste, D001. 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 in accordance with all applicable regulations.	
Hazardous waste code	D001: Waste Flammable material with a flash point <140 F	
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.	

DOT	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
ΙΑΤΑ	
UN number	UN1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10L
	Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo	Allowed.
aircraft	
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1950
UN proper shipping name	AEROSOLS, LIMITED QUANTITY
Transport hazard class(es)	
Class	2
Subsidiary risk	-
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
	· · · · · · · · · · · · · · · · · · ·

15. Regulatory information	)n
S federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communica Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.	
TECA Section (2/b) Export	
	Notification (40 CFR 707, Subpt. D)
Not regulated. SARA 304 Emergency relea	ase notification
Not regulated.	
<b>u</b>	ulated Substances (29 CFR 1910.1001-1050)
Not listed.	
US EPCRA (SARA Title III)	Section 313 - Toxic Chemical: Listed substance
n-Hexane (CAS 110-54-	
CERCLA Hazardous Substa	ance List (40 CFR 302.4)
n-Hexane (CAS 110-54-	
CERCLA Hazardous Substa	
n-Hexane (CAS 110-54-	
	ng in the loss of any ingredient at or above its RQ require immediate notification to the National I24-8802) and to your Local Emergency Planning Committee.
Clean Air Act (CAA) Section	n 112 Hazardous Air Pollutants (HAPs) List
n-Hexane (CAS 110-54-	
	n 112(r) Accidental Release Prevention (40 CFR 68.130)
1,1-Difluoroethane (CAS	5 75-37-6)
Safe Drinking Water Act (SDWA)	Not regulated.
Food and Drug Administration (FDA)	Not regulated.
Superfund Amendments ar	nd Reauthorization Act of 1986 (SARA)
Section 311/312	Immediate Hazard - Yes
Hazard categories	Delayed Hazard - Yes
	Fire Hazard - Yes Pressure Hazard - Yes
	Reactivity Hazard - No
SARA 302 Extremely hazardous substance	No
US state regulations	
US. California Controlled S	ubstances. CA Department of Justice (California Health and Safety Code Section 11100)
Not listed.	
US. New Jersey Worker and	d Community Right-to-Know Act
2,2-Dimethylbutane (CA 2-Methylpentane (CAS 1 1,1-Difluoroethane (CAS	107-83-5)

**US. Massachusetts RTK - Substance List** 

n-Hexane (CAS 110-54-3)

1,1-Difluoroethane (CAS 75-37-6) 2-Methylpentane (CAS 107-83-5) n-Hexane (CAS 110-54-3)

#### US. Pennsylvania Worker and Community Right-to-Know Law

2,2-Dimethylbutane (CAS 75-83-2) 2-Methylpentane (CAS 107-83-5) n-Hexane (CAS 110-54-3)

#### US. Rhode Island RTK

1,1-Difluoroethane (CAS 75-37-6) n-Hexane (CAS 110-54-3)

#### **US. California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### Volatile organic compounds (VOC) regulations

EPA

VOC content (40 CFR 51.100(s))	60 %
Consumer products (40 CFR 59, Subpt. C)	Not regulated

#### State

**Consumer products** 

This product is regulated as a Silicone Based Multi-Purpose Lubricant. This product is compliant for use in all 50 states. 60 % VOC content (CA)

60 % VOC content (OTC)

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### 16. Other information, including date of preparation or last revision

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Issue date	01-08-2015
Prepared by	Allison Cho
Version #	01
Further information	Not available.
HMIS® ratings	Health: 2* Flammability: 4 Physical hazard: 0 Personal protection: B
NFPA ratings	Health: 2 Flammability: 4 Instability: 0
NFPA ratings	
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