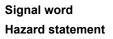


SAFETY DATA SHEET

1. Identification

| 1. Identification | | | |
|---------------------------------|--|------------|--|
| Product identifier | Extreme Duty Silicone | | |
| Other means of identification | | | |
| Product code | 03030 | | |
| Recommended use | Silicone-based multi-purpose lubricant | | |
| Recommended restrictions | 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 |
| | T \A/A | | | 10 ppm |
| | TWA | | | 350 mg/m3 |
| | T \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 | /alue 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 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) 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 Sampling Time * 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. | |
| u | 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

| | · · · · |
|---------------------|---|
| 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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