Material Safety Data Sheet

SFG-350 Food Grade Silicone Lubricant



Data Prepared: October 15th, 2014

SECTION I: IDENTIFICATION OF THE SUBSTANCE & COMPANY

Product Name: SFG-350 Food Grade Silicone Lubricant

Product Code: SFG-350

Made by: CLEARCO PRODUCTS CO. INC.,

15 York Road

Willow Grove, PA 19090 U.S.A.

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General Description: Silicone Fluid, Polydimethylsiloxane dispersed in an isoparaffinic solvent

Physical Form: Liquid Color: Colorless

Odor: Characteristic Odor

HMIS Ratings:

FLAMMABILITY: 2 REACTIVITY: 0 HEALTH: 1

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Potential Health Hazards:

Skin & Eye Acute: Direct eye contact will cause discomfort. Contact with skin can dry out oils in the skin.

Skin & Eye Chronic: Not Determined Skin Absorption Acute: Not Determined Skin Absorption Chronic: Not Determined

Inhalation Acute: No injury is likely from relatively short exposures.

Inhalation Chronic: Not Determined

Ingestion Acute: Swallowing large amounts may cause digestive discomfort. Contact a physician immediately.

Ingestion Chronic: Not Determined.

SECTION III COMPOSITION OF INGREDIENTS

INGREDIENTS OSHA
COMPONENTS CAS NUMBER PEL
Isoparaffinic solvent 64742-48-9 300 ppm
Polydimethylsiloxane 63148-62-9

SECTION IV FIRST AID MEASURES

Symptoms of Exposure: High vapor concentrations (>1000 ppm) are irritating to eyes and the respiratory tract, and may cause headaches, dizziness, anesthesia, drowsiness and other central nervous effects. Prolonged skin contact tends to remove skin oils, possibly leading to irritation or dermatitis. However, based on available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.

Medical Conditions Aggravated: Skin contact may aggravate existing dermatitis.

Carcinogenicity: NTP: NO

IARC Monographs: NO OSHA Regulated: NO

Primary Routes of Entry: Inhalation, Eye, Skin contact & Ingestion

Health Hazards: Health studies have shown petroleum solvents to have variable risks among individuals. Therefore exposure to liquids, vapors, mist

and fumes should be minimized.

First aid procedures

Skin contact: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

Eye contact: Flush with cool water for at least 15 minutes with eyelids open. Remove contact lenses, if applicable, and continue

flushing. Obtain medical attention if irritation persists.

Inhalation: Remove to fresh air. Get medical attention if ill effects persist.

Ingestion: Do Not induce vomiting. Contact a physician immediately

Medical Conditions Generally Aggravated by Exposure: Not Determined

SECTION V FIRE FIGHTING MEASURES

Flash Point: (Method Used) Closed Cup 128°F Flammable Limits: LEL: 0.7 UEL: 6.5

Extinguishing Media: Foam, Dry Chemical, Water Spray or Fog Special Fire Fighting Procedures: Avoid hard water streams

Unusual Fire & Explosion Hazards: NONE

SECTION VI ACCIDENTAL RELEASE MEASURES

Spill Response: Contain spill immediately - Scoop up excess if possible. Use absorbent clay or sand for remaining material. Ventilate area if indoors.

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

SARA TITLE III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories: Delayed Health, Fire.

SECTION VII HANDLING & STORAGE

Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from heated surfaces or ignition sources.

Other Precautions: Avoid breathing vapors. Avoid prolonged and repeated contact with skin

OSHA HAZARD: COMBUSTIBLE

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Local Exhaust - Preferred with face velocity 60 ppm

Special: Use with adequate ventilation

Other: Avoid sparks or open flames in area of use

Respiratory Protection: Hot vapors in a confined area - wear hydrocarbon vapor canister breathing mask.

Protective Gloves: Use vinyl or rubber gloves when handling product.

Eye Protection: Goggles.

Other Protective Equipment: Normally not needed.

Work Practices and Controls: Normal Precautions.

SECTION IX PHYSICAL & CHEMICAL PROPERTIES

Boiling Point Initial 350°F

Melting Point Less Than 0°F Solubility in Water % by Wt, Negligible

Appearance & Odor: Clear colorless liquid with a mild hydrocarbon odor

SECTION X STABILITY & REACTIVITY

Stability: Stable
Conditions to Avoid: NONE
Hazard Polymerization: Will Not Occur

Incompatibilities: Strong Oxidizing Materials

Hazardous Decomposition: NONE

SECTION XI TOXICOLOGICAL INFORMATION

Special Hazard information on components: No known applicable information.

SECTION XII ECOLOGICAL INFORMATION

Environmental effects Not available Aquatic toxicity Not available Persistency/degradability Not available Bioaccumulation/accumulation Not available

Partition coefficient Not available Mobility in environmental media Not available Chemical fate information Not available

SECTION XIII DISPOSAL CONSIDERATIONS

Waste codes Not available

Disposal instructions Review federal, provincial, and local government requirements prior to disposal

Waste from residues/unused products Not available Contaminated packaging Not available

SECTION XIV TRANSPORTATION INFORMATION

DOT: DEPARTMENT OF TRANSPORTATION (DOT):

DOT PROPER SHIPPING NAME: COMBUSTIBLE LIQUID n.o.s. CLASS Comb Liquid, NA1993, III

Note: In containers of 119 gallons capacity or less, this product is not regulated by DOT.

IATA:

IATA Identification Number: UN 1993

IATA Proper Shipping Name: Flammable Liquid N.O.S.

IATA Hazard Classification: 3 IATA Identification Number: UN 1993 IATA Packing Group: III

Technical Name: (Naphtha, Solvent)

IMDG:

IMDG Identification Number: UN 1993

IMDG Proper Shipping Name: Flammable Liquid N.O.S.

 IMDG Hazard Classification:
 3

 IMDG Identification Number:
 UN 1993

 IMDG Packing Group:
 III

Technical Name: (Naphtha, Solvent)

SECTION XV REGULATORY INFORMATION

CERCLA: If this product is accidentally spilled, it is not subject to any special reporting under the requirements of the Comprehensive Response, Compensation, and Liability Act (CERCLA). We recommend you contact local authorities to determine if there may be other local reporting requirements.

EPA SARA TITLE III: Under the provisions of Title III, Sections 311/312 of the Superfund Amendments and Reauthorization Act, this product is classified into the following hazard categories:

Delayed Health, Fire

SECTION XVI OTHER INFORMATION

Information presented herein has been compiled from information provided to us by our suppliers and other sources considered to be dependable and are accurate and reliable to the best of our knowledge and belief but are not guaranteed to be so. We make no warranty as to the results to be obtained in using any material and since conditions of use are not under our control, we must necessarily disclaim all liability with respect to the use of any material supplied by us.