

SAFETY DATA SHEET

SFG-350 Food Grade Silicone Lubricant



Data Prepared: July 18, 2025

SECTION 1: Identification

Product name : SFG-350 Food Grade Silicone Lubricant

Product code : SFG-350

Manufacturer or supplier details

Company name of supplier : Clearco Products Co Inc.

Address : 15 York Rd.
Willow Grove, PA 19090 U.S.A.

Telephone : 215-366-7860

**Emergency Telephone : VelocityEHS: 1-800-255-3924 (DOMESTIC)
+01-813-248-0585 (INTERNATIONAL)
Contract # MIS0001670**

Recommended use of the chemical and restrictions on use

Recommended use : For use in food processing equipment

SECTION 2: Hazards identification

Classification of the substance or mixture:



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.



GHS08 Health Hazard

Asp. Tox.1 H304 May be fatal if swallowed and enters airways.
Eye Irrit. 2B H320 Causes eye irritation.

Label Elements:

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:



Signal word:

Danger

Hazard determining components of the labeling:

Petroleum Solvents-Naphtha (petroleum)

Hazard statements:

Flammable liquid and vapor

Causes eye irritation

May be fatal if swallowed and enters airways.

Precautionary statements

Keep away from heat/spark/ open flames/hot surfaces. No smoking.

Use explosion-proof electrical/ventilating/lighting/equipment.

Wear protective gloves/eye protection/face protection.

Ground/bond container and receiving equipment

Keep container tightly closed

Use only non-sparking tools

Take precautionary measures against static discharge

Wash thoroughly after handling.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

IF SWALLOWED: Immediately call POISON Center/doctor.

If eye irritation persists: Get medical advice/attention.

Do NOT induce vomiting.

In case of fire: Use for extinction: CO₂, powder or water spray.

Store locked up.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

10% of the mixture consists of component(s) of unknown toxicity.

Classification system:**NFPA ratings (scale 0-4)**

Health = 1
 Fire = 2
 Reactivity = 0

HMIS-ratings (scale 0-4)**· HMIS-ratings (scale 0 - 4)**

Health = *1
 Fire = 2
 Reactivity = 0

SECTION 3: Composition/information on ingredients**Chemical Characterization: Mixtures****Description:** Mixture of substances listed below with non-hazardous additions.

Dangerous Components:		
CAS: 64742-48-9	Petroleum Solvents- Naphtha (petroleum) Asp. Tox.1, H304; Flam. Liq 4, H227	89-97%
RTECS: JT6485000	Polydimethylsiloxane Eye Irrit. 2B, H320	3-11%

SECTION 4: First-aid measures

Description of first aid measures:

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation occurs, consult a doctor.

After eye contact:

Rinse opened eye for at least 15 minutes under running water. If symptoms, persist, consult a doctor.

After swallowing: If swallowed and symptoms occur, consult a doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

SECTION 5: Firefighting measures

Extinguishing media:

Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.

For safety reasons unsuitable extinguishing agents: Water with full jet.

Special hazards arising from the substance or mixture:

Combustible liquid. Vapors can travel to a source of ignition and flash back.

Explosive mixtures may occur at temperatures at or above flashpoint.

Advice for firefighters:

Protective equipment:

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Environmental precautions: Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Do not flush with water or aqueous cleansing agents.

Dispose of the collected material according to regulations.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

Handling

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about protection against explosions and fires:

Keep ignition sources away-Do not smoke.

Protect from heat.

Protect against electrostatic charges.

Conditions for safe storage, including any incompatibilities:

Storage

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

Information about storage in one common storage facility: Not required.

Further information about storage conditions:

Keep receptacle tightly sealed.

Protect from heat and direct sunlight.

Specific end use(s): No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical systems: No further data; see section 7.

Control parameters:

Components with occupational exposure limits:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists that were valid during the creation of this SDS were used as basis.

Exposure controls:

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Breathing equipment: Not required.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

Select glove material based on penetration times, rates of diffusion and degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.

Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

General Information

Appearance:

Form:

Liquid

Color:	Colorless
Odor:	Characteristic
Odor threshold:	Not determined
pH-value:	Acidic
Change in condition	
Melting point/melting range	Not determined
Boiling point/Boiling range	177°C (351°F)
Flash point	53°C (127°F) (Closed Cup)
Flammability (solid, gas)	Not applicable
Ignition temperature:	
Decomposition temperature	Not determined
Auto-igniting:	Product is not self-igniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Explosion limits:	
Lower:	0.6 Vol %
Upper:	7.0 Vol %
Vapor Pressure @ 20°C (68°F):	1 hPa (1mm Hg)
Density @ 20°C (68°F):	0.806 g/cm ³ (6.726 lbs/gal)
Relative density:	Not determined
Vapor density:	Not determined
Evaporation rate:	Not determined
Solubility in/Miscibility with:	
Water:	Not miscible or difficult to mix
Partition coefficient (n-octanol/water):	Not determined
Viscosity:	
Dynamic:	Not determined
Kinematic:	Not determined
Solvent content:	
Organic solvents:	0.0%
Other information:	No further relevant information available.

SECTION 10: Stability and reactivity

Reactivity: No further relevant information available.

Chemical stability: Stable under normal conditions.

Thermal decomposition/conditions to be avoided: No decomposition if used according to specifications.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

Information on toxicological effects:

Acute toxicity:

LD/LC50 values that are relevant for classification:		
Naphtha (petroleum), hydrotreated heavy		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rab)

Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye:

Irritating effect.

Causes serious eye irritation.

Additional toxicological information:

This product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

Carcinogenic categories:

IARC (International Agency for Research on Cancer):
None of the ingredients are listed

NTP (National Toxicology Program):
None of the ingredients are listed.

OSHA-Ca (Occupational Safety & Health Administration):
None of the ingredients are listed.

SECTION 12: Ecological information

Toxicity:

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Behavior in environmental systems:

Bio accumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes:

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment:

PBT: Not applicable

vPvB: Not applicable

Other adverse effects: No further relevant information available.

SECTION 13: Disposal considerations

Waste treatment methods:

Recommendation: Recycle or dispose with household trash.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

UN-Number: NA1993

DOT UN1993

ADR, IMDG, IATA

UN proper shipping name:
DOT COMBUSTIBLE LIQUID, N.O.S. (Petroleum Solvents- Naphtha (petroleum))
ADR UN1993 Flammable liquids, n.o.s. (Petroleum Solvents-Naphtha (petroleum))
IATA Flammable liquid, n.o.s. (Petroleum Solvents- Naphtha (petroleum))

Transport hazard class(es):
DOT



Class: 3 Combustible liquids
Label: 3

ADR



Class: 3 (F1) Flammable liquids
Label: 3

IMDG, IATA



Class: 3 Flammable liquids
Label: 3

Packing group:

DOT, ADR, IMDG, IATA III

Environmental hazards: Not applicable

Special precautions for user: Warning; Flammable liquids

Danger code (Kemler): 30

EMS Number: F-E, S-E

Stowage Category: A

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

Transport/Additional information:

DOT

Quantity limitations: On passenger aircraft/rail: 60 L

On cargo aircraft only: 220 L

Remarks: Not regulated if less than 119 gallons

ADR**Excepted quantities (EQ):**

Code: E1

Maximum net quantity per inner packaging: 30ml

Maximum net quantity per outer packaging: 1000 ml

IMDG**Limited quantities (LQ):**

5L

Excepted quantities (EQ):

Code: E1

Maximum net quantity per inner packaging: 30ml

Maximum net quantity per outer packaging: 1000 ml

UN "Model Regulation":UN 1993 FLAMMABLE LIQUIDS, N.O.S. (PETROLEUM SOLVENTS-
NAPHTHA (PETROLEUM)), 3, III**SECTION 15: Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture:****SARA (Superfund Amendments and Reauthorization):****Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

All ingredients are listed

California Proposition 65:**Chemicals known to cause cancer:**

None of the ingredients are listed

Chemicals known to cause reproductive toxicity for females:

None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental toxicity:

None of the ingredients are listed.

Carcinogenic categories:**EPA (Environmental Protection Agency):**

None of the ingredients are listed

TLV (Threshold Limit Value established by ACGIH):

None of the ingredients are listed.

NIOSH-Ca (National Institute for Occupational Safety and Health):

None of the ingredients are listed.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms:**GHS02****GHS08****Signal word:** Danger**Hazard-determining components of labeling:**

Petroleum Solvents- Naphtha (petroleum)

Hazard statements:

Flammable liquid and vapor.
 Causes eye irritation.
 May be fatal if swallowed and enters airways,

Precautionary statements:

Keep away from heat/sparks/open flames, hot surfaces. No smoking.
 Use explosion-proof electrical/ventilating/lighting/equipment.
 Wear protective gloves/eye protection/face protection.
 Ground/bound container and receiving equipment.
 Keep container tightly closed
 Use only non-sparking tools.
 Take precautionary measures against static discharge.
 Wash thoroughly after handling.
 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 IF SWALLOWED: Immediately call a POISON CENTER/doctor.
 If eye irritation persists: Get medical advice/attention.
 Do NOT induce vomiting.
 In case of fire: Use for extinction: CO2, powder or water spray.
 Store locked up.
 Store in a well-ventilated place. Keep cool.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

This product is subject to be classified according with the latest version of the regulations on hazardous substances.

States Right to Know:

CAS: 64742-48-9	Petroleum Solvents- Naphtha (petroleum) Asp. Tox.1, H304; Flam. Liq. 4, H227	89-97%
RTECS: JT6485000	Polydimethylsiloxane Eye Irrit. 2B, H320	3-11%
All ingredients are listed.		

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.