



YES SIAM CO.,LTD.

Silicone Lubricant Multi-Purpose 316 (No. 20)

SILICONE LUBRICANT is formulated to be used safely on food-processing equipment. This multi-purpose spray is non-toxic when dry and non-staining. Waterproofs, rust proofs, protects against water, ice, rust and corrosion. Prevents sticking. Eliminates metal-to-metal noises, and metal-to-rubber and glass-to-tubber squeaks.

- Lubricates food-processing equipment
- Eliminates annoying squeaks
- Non-staining
- Extension tube for hard-to-reach places
- USDA rating H1
- VOC levels are not regulated at this time

Recommended Uses

Use on food processing equipment, windows, door, zippers, cabinets, and automobile locks and door hinges. It's formulated for industrial and institutional maintenance.

Physical and Chemical Properties

Silicone content (%)	: 15.5 – 20.5
Physical State	: Aerosol
Odor	: Petroleum Hydrocarbon odor
Solubility	: insoluble
Evaporation Rate	: Faster than Butyl acetate
Boiling Point	: Heptane 210°F/93.3°C
Specific Gravity	: 0.735
Vapor Pressure	: 45 PSI @ 21°C
Vapor Density	: 0.9 (Air = 1)
pH	: NA

Catalog Number	Sizes Available	Description
(No.20) – 16 oz	16 oz	Aerosol
(No.20) – 20 oz	20 oz	Aerosol

Material Safety Data Sheet

Revision Data

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Prepared by

YES SIAM CO., LTD.

Section 1: Product Identification**MSDS Code: (NO.20) – aerosol****Name: Silicone Lubricant Multi-Purpose # 20****Related Part Numbers: (NO.20) – 16 oz / 20 oz****Section 2: Hazardous Ingredients**

CAS#	Chemical Name	Percentage by weight
142-82-5	HEPTANE	25-30
75-28-5	ISOVTANE	12-15
74-96-6	PROPANE	30-35

The ingredients listed no this section are only the hazardous components of the product.

Section 3: Hazards Identification

Eyes:	May cause mild eye irritation.
Skin;	May cause mild eye irritation.
Inhalation:	May cause irritation of respiratory tract. Vapor reduces amount of oxygen available for breathing.
Ingestion:	Aspiration hazard. May cause weakness and gastrointestinal tract irritation.
Chronic:	None known.

Section 4: First Aid Measure

Eyes:	Remove contact lenses. Flush with water or saline for 15 minutes. Get medical aid.
Skin:	Wash skin with soap and water for 15 minutes. Get medical aid if symptoms persist.
Inhalation:	Immediately remove from exposure to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
Ingestion:	Do not induce vomiting. If conscious, give 1-2 glasses of water. Get medical aid.

Section 5 : Fire Fighting Measures**Autoignition Temperature:** n/e **Flash Point :**Flammable C/F **LEL/UEL:** Not available**Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or chemical foam.**General Information:** Will burn if involved in a fire. Containers may explode in the heat of a fire. Highly flammable vapors are heavier than air and may accumulate in low areas. Flash back along vapor trail is possible.**NFPA Ratings:** Health 2 Flammability 4 Reactivity 1**HMIS Ratings:** Health 2 Flammability 4 Reactivity 1 PERSONAL PROTECTION B

Section 6 : Accidental Release Measures

- Spill:** Remove all sources of ignition. Provide adequate ventilation. Wear appropriate personal protection.
- Procedure:** Sprinkle absorbent compound onto spill, then sweep into a plastic or metal container. Wipe up further residue with paper towel and place in container. Wash spill area with soap and water.

Section 7 : Handling and Storage

- Handling:** Wash thoroughly after handling. Avoid contact with eyes, skin, and clothing. Do not ingest or inhale. Do not expose container to heat or flame.
- Storage:** Keep away from sources of ignition. Store in a cool, dry, well ventilated area, away from incompatible substances.

Section 8 : Exposure Controls

- Routes of Entry:** Eyes, ingestion, inhalation, and skin.
- Ventilation:** Use adequate general or local exhaust ventilation to keep airborne concentrations below exposure limits.
- Personal Protection:** Wear appropriate protective eyeglasses or chemical safety goggles. Wear appropriate protective clothing to prevent skin contact. Use a NIOSH approved respirator when necessary.

Section 9: physical and Chemical Properties

- Physical State:** Aerosol
- Odor:** Petroleum Hydrocarbon odor
- Solubility:** insoluble
- Evaporation Rate:** Faster than Butyl acetate
- Boiling Point:** Heptane 210 °F/93.3 °C
- Specific Gravity:** 0.735
- Vapor Pressure:** 45 PSI @ 21 °C
- Vapor pH:** NA
- Density:** 0.9 (Air=1)

Section 10 : Stability and Reactivity

- Stability:** Stable at normal temperatures and pressures.
- Conditions to avoid:** Temperatures over 40°C, ignition sources, and incompatible substances.
- Incompatibilities:** Alkali and alkaline earth metals; powdered aluminum, zinc, magnesium, and beryllium; and strong oxidizing agents.
- Polymerization:** will not occur.
- Decomposition:** Halogens, halogen acids, possibly carbonyl halides, carbon dioxide, carbon monoxide.

Section 11: Toxicological Information

- Sensitization:** (effects of repeated exposure) Repeated skin contact may cause defatting of the skin resulting in dermatitis. Long term intensive inhalation may cause benign lung fibrosis.
- Carcinogenicity :** (risk of cancer) No
- Teratogenicity:** (risk of malformation in an unborn Fetus) No
- Reproductive Toxicity:** (risk of sterility) No
- Mutagenicity:** (risk of heritable genetic effects) No
- Lethal Exposure Concentrations:** Ingestion(LD50)28/kg Inhalation 1250 Skin n/e (rabbit) (LC50):ppm/4h (LD50): (rat)

Section 12: Ecological Information

General Information: Avoid runoff into storms and sewers which lead into waterways. Water runoff can cause environmental damage.
Environmental Impact Data: (percentage by weight)
CFC: 0 HFC: 0 Cl.Solv.: 0 VOC: 97 HCFC: 0 ODP: 0

Section 13: Disposal Information

General : Dispose of in accordance with all local, provincial, state, and federal regulations. Water runoff
Information: can cause environmental damage.

Section 14: Transportation Information

Ground:
Consumer Commodity, ORM-D
Air:
Shipper must be trained and certified. Refer to TATA regulations.
Sea:
Shipper must be trained and certified. Refer to IMDG regulations

Section 15: Regulatory Information

SARA (Superfund Amendments and Reauthorization Act of 1986, USA 40 CFR372.4)
None of the chemicals in this product have a reportable quantity.

EPCRA (Emergency Planning and Right to Know Act, USA,40 CFR 372.45
This product does not contain any chemicals subject to the reporting requirements of section 313 Title III of the SARA of 1986 and 40 CFR part 372.

TSCA (Toxic Substances Control Act of 1976, USA)
All substances are TSCA listed.

CAA (Clean Air Act, USA)
This product does not contain any class 1 ozone depletes.
This product does not contain any class 2 ozone depletes.
This product does not contain any chemicals listed as hazardous air pollutants.

California Proposition 65 (Chemicals known to cause cancer or reproductive toxicity, May 1, 1997 revision, USA)
This product does not contain any chemicals listed.

Health Canada
Labeling and containers used in this product are listed in compliance with Consumer Chemicals and Container regulations.

Environment Canada
Chemicals in this product are listed on the Domestic Substance List in the Canadian Environmental Protection Act

This product does not contain any ozone depleting substances.

Industry and Science Canada
Labeling, product identity, net quantity declaration, minimum printing type size heights, and packaging of this product is in compliance with the Consumer Packaging and Labeling Act and Regulations. This product is not slack filled in accordance to chapter 4 prohibitions.

Section 16 : Other Information

Definitions : n/a = not applicable, n/e = not established

Disclaimer : This material safety data sheet is provided as an information resource only. M.G. Chemicals believes the information contained herein is accurate and compiled from reliable sources. It is the responsibility of the user to verify its validity. The buyer assumes all responsibility of using and handling the product in accordance with federal, state, and local regulations.