

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Material name	SEFOSE 1618UB6
Manufacturer	The Procter & Gamble Company Procter & Gamble Chemicals Sharon Woods Innovation Center 11530 Reed Hartman Highway Cincinnati, Ohio 45241 1-800-477-8899 or 1-513-626-6882 PGChemMSDS.IM@pg.com CHEMTREC: 1-800-424-9300 U.S. and Canada CHEMTREC: 1-703-527-3887 For calls originating elsewhere
Version #	01
Revision date	06-01-2010
CAS #	330198-53-3
MSDS Number	SEFOSE512
Product Code	95325354
Product use	Lubricant.
Synonym(s)	Sucrose Esters of Fatty Acids Soyate * SEFOSE-1618UB6

2. Hazards Identification

OSHA regulatory status	This product is considered not hazardous under 29 CFR 1910.1200 (Hazard Communication).
Potential health effects	
Inhalation	Acute Exposure - Worst-case (aspiration) may cause lipid pneumonitis. Chronic Exposure - Repeated or prolonged exposure to very high levels may cause lipid pneumonitis. Persons with a history of chronic respiratory disease may be at increased risk from severe exposure.
Ingestion	Acute exposure - Large quantities may have a laxative effect (similar to mineral oils). Chronic exposure - No adverse effects due to ingestion are expected.
Potential environmental effects	Ecological injuries are not known or expected under normal use.

3. Composition / Information on Ingredients

Components	CAS #	Percent
Fatty acids, C16-18 and C18-unsatd., esters with sucrose	330198-53-3	100

4. First Aid Measures

First aid procedures

Eye contact	Immediately flush eye(s) with plenty of water.
Skin contact	Wash skin thoroughly with soap and water.
Inhalation	Move to fresh air. If breathing stops, provide artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get medical attention.
Ingestion	No adverse effects due to ingestion are expected. Do not induce vomiting.

5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA criteria. Not combustible by OSHA criteria.
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Extinguishing media

Suitable extinguishing media Dry chemical or CO2. Foam. Water spray.

Special protective equipment for fire-fighters Firefighters should wear full protective clothing including self contained breathing apparatus.

Specific methods Cool containers with flooding quantities of water until well after fire is out.

6. Accidental Release Measures

Personal precautions Wear self-contained breathing apparatus and full protective clothing.

Environmental precautions Minimize contamination of drains, surface and ground waters.

Methods for cleaning up Handle as any grease or oily material.

7. Handling and Storage

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. May be slippery. Empty containers contain product residue and can be dangerous, follow all hazard warnings and precautions even after container is emptied. Keep away from sources of ignition - No smoking.

Storage Store in original container. Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures.

8. Exposure Controls / Personal Protection

Exposure guidelines ACGIH - Threshold limit value: 10 mg/m³; based on the TLV for similar lipid materials (i.e. vegetable oil mists).

Engineering controls Mechanical ventilation or local exhaust ventilation is recommended. Ensure compliance with applicable exposure limits.

Personal protective equipment

Eye / face protection Not required unless if working within splash distance of heated material. Wear approved safety goggles.

Skin protection Not required unless if working within splash distance of heated material.

Respiratory protection An appropriate NIOSH/MSHA approved respirator should be used if a mist or vapor is generated. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever work place conditions warrant a respirator's use.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Avoid breathing (heated) vapors. Avoid contact with eyes. Avoid contact with skin.

Environmental exposure controls Contact Procter and Gamble for specific Community information.

9. Physical & Chemical Properties

Appearance Viscous.

Color Amber, Reddish-brown

Odor Bland

Odor threshold Not available.

Physical state Liquid.

Form Not available.

pH Not available.

Melting point 50 - 65 °F (10 - 18.3 °C) varies with fatty acid composition

Freezing point Not available.

Boiling point Not applicable (will smoke, vaporize, and decompose after boiling).

Flash point 530 °F (276.7 °C) Pensky-Martens Closed Cup

Evaporation rate Not available.

Flammability limits in air, upper, % by volume Not available.

Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	Not applicable; material is inert.
Vapor density	Not available.
Specific gravity	Not available.
Relative density	0.9 - 0.95 @ 160 F (fully melted)
Solubility (water)	0 %
Partition coefficient (n-octanol/water)	Not available
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
VOC	Not available.
Viscosity	800 - 900 cps @ 25 C

10. Chemical Stability & Reactivity Information

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Oxygen at high temperatures (>120 F).
Materials to avoid	Strong acids. Strong bases. Strong oxidizing agents.
Hazardous decomposition products	Not available.

11. Toxicological Information

Further information	Additional information is available by request.
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12. Ecological Information

Environmental effects	Additional information is available by request.
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13. Disposal Considerations

Disposal instructions	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. Do not dispose of via sinks, drains or into the immediate environment.
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14. Transport Information

DOT

Not regulated as dangerous goods.

15. Regulatory Information

CERCLA (Superfund) reportable quantity

None

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
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Section 302 extremely hazardous substance	No
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Section 311 hazardous chemical	No
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Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
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	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
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)

State regulations

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Contains no California Prop 65 chemicals.

US - New Jersey Community RTK (EHS Survey): Reportable threshold

US - Pennsylvania RTK - Hazardous Substances: Listed substance

Contains no Pennsylvania Right To Know hazardous substances

16. Other Information

HMIS® ratings

Health: 0
Flammability: 1
Physical hazard: 0

NFPA ratings

Health: 0
Flammability: 1
Instability: 0

Disclaimer

The submission of the MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied are for use only in connection with occupational safety and health.

The information contained herein has been compiled from sources considered by Procter & Gamble to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific product designated herein, and does not relate to use in combination with any other material of any other process. Procter & Gamble assumes no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the controlled product.

Issue date

06-01-2010