

1. Identification

Product name: SYN-LUBE

Recommended use: Lubricants, Greases and Release Products

Supplier: Nanoplas
2950 Prairie Street South West
Suite 900
Grandville, MI 49418
T (616)-452-3707

Emergency number: For Chemical Emergency Call INFOTRAC 24hr/day 7days/week
Within USA, Mexico and Canada: 800-535-5053 ID# 102222
Outside USA, Mexico and Canada: 1-352-323-3500 ID# 102222

Date of issue: 07/15/2019

2. Hazard(s) identification

Classification:

Physical hazards	Health hazards
Not classified	Eye irritation, Category 2

GHS US labelling:

Warning!



CONTAINS: Calcium Dodecylbenzenesulphonate

Hazard statements (GHS US)	Precautionary statements (GHS US)
H319 - Causes serious eye irritation.	P264 - Wash hands thoroughly after handling. P280 - Wear eye protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical attention. P501 - Dispose of contents or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

3: Composition/information on ingredients

Component	CAS-No.	Amount (%)
Sulfonic acids, petroleum, calcium salts	68783-96-0	10 - 30

Component	CAS-No.	Amount (%)
Calcium Carbonate	471-34-1	1 - 5
Polyisobutylene	9003-27-4	1 - 5
Calcium Dodecylbenzenesulphonate	26264-06-2	1 - <3

4. First-aid measures

Inhalation: Move the affected person to the fresh air. Get medical attention if symptoms occur.

Skin: Wash skin with plenty of water. Get medical advice if skin irritation persists.

Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Get medical attention if irritation develops and persists.

Ingestion: Rinse mouth. Get medical advice/attention. Call a poison center or a doctor if you feel unwell.

Immediate medical attention and special treatment, if necessary: Not required.

5. Fire-fighting measures

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None.

Fire hazard: This product is not classified as flammable or combustible.

Combustion Products: Oxides of carbon and sulfur.

Special protective equipment and precautions for fire-fighters: Self-contained breathing apparatus. Do not attempt to take action without suitable protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Ventilate area. Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.

Methods and material for containment and cleaning up: Collect spillage. Mechanically recover the product. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

7. Handling and storage

Precautions for safe handling: Avoid contact with skin and eyes. Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Wash hands with water and soap. Ensure adequate ventilation.

Storage conditions: Store in a well-ventilated place. No special storage required.

8. Exposure controls/personal protection

Exposure guidelines:	
Sulfonic acids, petroleum, calcium salts	None established.
Calcium Carbonate	None established.
Polyisobutylene	None established.
Calcium Dodecylbenzenesulphonate	None established.

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. No particular/specific measures required.

Environmental exposure controls: Avoid release to the environment.

Personal protective equipment:

Hand protection: Wear suitable gloves

Eye protection: Chemical goggles or safety glasses. Use suitable eye protection

Skin and body protection: Wear suitable protective clothing

Respiratory protection: No respiratory protection needed under normal use conditions. In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and chemical properties

Physical state	: Solid	Density	: < 1000 kg/m ³ at 25 C/ 77 F
Colour	: No data available	Solubility	: No data available
Odour	: No data available	Log Pow	: No data available
Odour threshold	: No data available	Auto-ignition temperature	: Not applicable
pH	: No data available	Decomposition temperature	: No data available
Melting point	: No data available	Viscosity, kinematic	: Not applicable
Freezing point	: Not applicable	Viscosity, dynamic	: Not applicable
Boiling point	: No data available	Explosive limits	: Not applicable
Flash point	: Not applicable	Explosive properties	: No data available
Relative evaporation rate (butylacetate=1)	: No data available	Oxidising properties	: No data available
Flammability (solid, gas)	: Non flammable.		
Vapour pressure	: No data available		
Relative vapour density at 20 °C	: No data available		
Relative density	: No data available		

No additional information available

10. Stability and reactivity

Reactivity: The product is non-reactive under normal conditions of use, storage and transport.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No dangerous reactions known under normal conditions of use.

Conditions to avoid: None known.

Incompatible materials : Strong oxidizers.

Hazardous decomposition products: Thermal decomposition will produce oxides of carbon and sulfur, and unknown materials.

11. Toxicological information

Inhalation: May cause minor irritation to the respiratory tract and to other mucous membranes.

Skin: May cause slight irritation to the skin.

Eyes: Causes serious eye irritation.

Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Carcinogenicity:	Not classified
Sulfonic acids, petroleum, calcium salts	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Calcium Carbonate	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Polyisobutylene	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Calcium Dodecylbenzenesulphonate	This component is not listed as a carcinogen or suspected carcinogen by IARC, NTP, ACGIH, OSHA or the EU CLP.
Germ cell mutagenicity:	Not classified
Reproductive toxicity:	Not classified

Numerical measures of toxicity:

The following are the toxicity values for the components:

Sulfonic acids, petroleum, calcium salts:	Oral rat LD50- > 5000 mg/kg; Dermal rat LD50- > 5000 µl/kg; Inhalation rat LC50- > 20 mg/l/4h;
Calcium Carbonate:	Oral rat LD50- > 2000 mg/kg; Dermal rat LD50- > 2000 mg/kg; Inhalation rat LC50- > 3 mg/l/4h;
Polyisobutylene:	No data available
Calcium Dodecylbenzenesulphonate :	Oral rat LD50- 1300 mg/kg; Dermal rabbit LD50- > 2000 mg/kg;
Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
STOT-single exposure	Not classified
STOT-repeated exposure	Not classified

12. Ecological information

Ecology - general: Harmful to aquatic life.

Ecotoxicity:

Calcium Carbonate	100 mg/L Fish LC50; 100 mg/L Daphnia EC50
Calcium Dodecylbenzenesulphonate	1.74 mg/L Fish LC50; 4.58 mg/L Daphnia EC50

Persistence and degradability:

Calcium Carbonate:	Biodegradation is not applicable to inorganic compounds.
Calcium Dodecylbenzenesulphonate :	Readily biodegradable.

Bioaccumulative potential:

No data available

Mobility in soil:

No data available

Other adverse effects:

No data available

13. Disposal considerations

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

14. Transport information

Department of Transportation (DOT)

Not regulated for transport

Transport by sea

Not regulated for transport

Air transport

Not regulated for transport

15. Regulatory information

SARA Section 313 - Emission Reporting: Not subject to reporting requirements of the United States SARA Section 313

CERCLA Section 103:

Calcium Dodecylbenzenesulphonate	26264-06-2	1000 lb
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SARA 302:

Not applicable

SARA Section 311/312 Hazard Classes: Refer to Section 2 for OSHA Hazard Classification.

California Proposition 65:

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

TSCA: All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

INTERNATIONAL INVENTORIES

- Australia AICS:** All the components are listed.
- Canada DSL:** All the components are listed.
- China IECSC:** All the components are listed.
- EU EINECS:** All the components are listed.
- Japan ENCS:** All the components are listed.
- Korea KECL:** All the components are listed.
- New Zealand:** All the components are listed.
- Philippines PICCS:** All the components are listed.
- Taiwan CSNN:** All the components are listed.

16. Other information

Revision date : 07/15/2019

NFPA

NFPA health hazard:	1
NFPA fire hazard:	0
NFPA reactivity:	0

HMIS Hazard Rating	
Health:	1
Flammability:	0
Physical:	0

NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. The company listed in Section 1 shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.