



Material Safety Data Sheet

Revision Date 09-Feb-2011

1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product code 99266
Product name Glyde - Food Grade Anti-Seize
Recommended Use Lubricant

Supplier Lawson Products, Inc.
 1666 East Touhy Avenue
 Des Plaines, IL 60018
 (847)-827-9666

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview
 May cause eye/skin irritation.

Aggravated Medical Conditions
 None Known

Principal Routes of Exposure
 Eyes. Skin. Inhalation. Ingestion.

Potential health effects

Eyes Contact with eyes may cause irritation.

Skin Prolonged skin contact may cause skin irritation.

Inhalation Viscous nature may block breathing passages if inhaled .

Ingestion May cause the following effects. Diarrhea.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Paraffinic Mineral Oil	8042-47-5	22-34
Polybutene	9003-29-6	21-25
Limestone	1317-65-3	21-24
Talc (Mg3H2(SiO3)4)	14807-96-6	8-10
1-Decene, Homopolymer Hydrogenated	68037-01-4	5-10
Polytetrafluoroethylene	9002-84-0	0.8-1.2
Diphenylamine	122-39-4	<0.1
Titanium dioxide	13463-67-7	0.1-1

Aluminum Benzoyl Hydroxyl Stearate	94166-87-7	2-5
Zinc oxide	1314-13-2	1-5

4. FIRST AID MEASURES

Eye contact Flush for 15 minutes or until irritation subsides. Seek medical attention if irritation persists.

Skin contact Flush skin with water and follow by washing skin with soap and water. Remove and wash contaminated clothing before re-use.

Ingestion Rinse mouth with water and spit out rinse. Consult a physician.

Inhalation Contact physician if breathing difficulty develops.

5. FIRE FIGHTING MEASURES

Flash point °C > 204
Flash point °F > 400
Method Open cup

Autoignition temperature °C > 260
Autoignition temperature °F > 500

Flammability Limits (% in Air)
Upper 7%
Lower 0.9%

Suitable extinguishing media

Foam. Dry powder. Halons. Carbon dioxide (CO2). Sand. Earth. Water fog.

Extinguishing media which must NOT be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire .

Special protective equipment for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

6. ACCIDENTAL RELEASE MEASURES**Methods for cleaning up**

Personnel should wear appropriate protective equipment. Follow all precautions for handling. Please refer to appropriate sections of MSDS for additional information. Prevent product from entering drains. Wipe or scrape up and dispose of spill. Pick up and transfer to properly labelled containers. Clean contaminated surface thoroughly. Use caution as spill may create a slip hazard.

7. HANDLING AND STORAGE**Handling**

Handle in accordance with good industrial hygiene and safety practice.

Storage

Do not store at elevated temperatures.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	OSHA PEL (TWA)	OSHA PEL (Ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Paraffinic Mineral Oil	-	-	-	-
Polybutene	-	-	-	-
Limestone	15 mg/m ³ total 5 mg/m ³	-	-	N/D
Talc (Mg ₃ H ₂ (SiO ₃) ₄)	-	-	2 mg/m ³	-
1-Decene, Homopolymer Hydrogenated	-	-	-	-
Aluminum Benzoyl Hydroxyl Stearate	-	-	-	-
Zinc oxide	15 mg/m ³ total 5 mg/m ³	-	2 mg/m ³	10 mg/m ³
Polytetrafluoroethylene	-	-	-	-
Titanium dioxide	15 mg/m ³ total	-	10 mg/m ³	-
Diphenylamine	-	-	10 mg/m ³	-

Ventilation and Environmental Controls

Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits

Hygiene measures

General industrial hygiene practice

Respiratory protection

None necessary under normal conditions.

Hand Protection

Gloves are recommended for individuals with skin sensitivities.

Eye protection

Use safety eyewear designed to protect against impact.

Skin and body protection

None necessary under normal conditions

Other Protective Equipment

Coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	Paste
Color	Opaque White / Off-white
Odor	None
Odor Threshold	No information available
pH	No data available
Specific Gravity	1.17
Vapor pressure	< 0.01 kPa
Density	1.17 g/cm ³
Vapor density	> 5
Evaporation Rate	<0.01
Water solubility	Negligible
Partition Coefficient (n-octanol/water)	No data available
Boiling point/range °C	> 260
Boiling point/range °F	> 500
Melting point/range °C	274
Melting point/range °F	525
Flash point °C	> 204
Flash point °F	> 400

10. STABILITY AND REACTIVITY**Stability**

Stable under normal conditions.

Conditions to avoid

Avoid sources of ignition. Extremes of temperature and direct sunlight.

Incompatibility

Incompatible with oxidizing agents. Strong acids. Organic Acids .

Hazardous Decomposition Products

Soot. smoke. Hydrocarbons. Carbon oxides.

Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION**Component Information**

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rat/rabbit)	LC50 (inhalation, rat)
Paraffinic Mineral Oil 8042-47-5	5000 mg/kg	-	-
Polybutene 9003-29-6	-	-	-
Limestone 1317-65-3	-	-	-
Talc (Mg ₃ H ₂ (SiO ₃) ₄) 14807-96-6	-	-	-
1-Decene, Homopolymer Hydrogenated 68037-01-4	-	-	-
Aluminum Benzoyl Hydroxyl Stearate 94166-87-7	-	-	-
Zinc oxide 1314-13-2	5000 mg/kg	-	-
Polytetrafluoroeth ylene 9002-84-0	-	-	45 mg/m ³
Titanium dioxide 13463-67-7	10000 mg/kg	-	-
Diphenylamine 122-39-4	1165 mg/kg	2000 mg/kg	-

Synergistic Products None known

Potential health effects

Sensitization None known

Chronic toxicity None known

Mutagenic effects None known

Teratogenic effects None known

Reproductive toxicity None known

Target Organ Effects See Section 2

Carcinogenic effects See table below

Chemical Name	ACGIH OEL - Carcinogens	IARC	NTP - Known Carcinogens	NTP - Suspected Human Carcinogens	OSHA RTK Carcinogens
Paraffinic Mineral Oil	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Polybutene	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Limestone	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Talc (Mg ₃ H ₂ (SiO ₃) ₄)	Listed	Not Listed	Not Listed	Not Listed	Not Listed
1-Decene, Homopolymer Hydrogenated	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Aluminum Benzoyl Hydroxyl Stearate	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Zinc oxide	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Polytetrafluor oethylene	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Titanium dioxide	Listed	Group 2B	Not Listed	Not Listed	Listed
Diphenylamin e	Listed	Not Listed	Not Listed	Not Listed	Not Listed

12. ECOLOGICAL INFORMATION**Diphenylamine****Microtox Data**

Photobacterium phosphoreum EC₅₀=2.81 mg/L (5 min)
Photobacterium phosphoreum EC₅₀=3.46 mg/L (15 min)
Photobacterium phosphoreum EC₅₀=4.77 mg/L (30 min)

Water Flea Data

Daphnia magna hEC₅₀ 24 (2.3 mg/L)

Ecotoxicity effects Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

13. DISPOSAL CONSIDERATIONS**Disposal Information**

Do not incinerate. Do not let product enter drains. Dispose in accordance with federal, state, and local regulations.

14. TRANSPORTATION INFORMATION**DOT**

Not Regulated

TDG

Not Regulated

15. REGULATORY INFORMATION**US EPA SARA 313**

Chemical Name	US EPA SARA 313 Emission Reporting
Zinc oxide	Listed
Diphenylamine	Listed

State Regulations

Product code **99266**

Product name **Glyde - Food
Grade Anti-Seize**

Chemical Name	New Jersey - RTK	Pennsylvania - RTK	California Prop. 65
Paraffinic Mineral Oil	Not Listed	Not Listed	Not Listed
Polybutene	Not Listed	Not Listed	Not Listed
Limestone	Not Listed	Listed	Not Listed
Talc (Mg3H2(SiO3)4)	Not Listed	Listed	Not Listed
1-Decene, Homopolymer Hydrogenated	Not Listed	Not Listed	Not Listed
Aluminum Benzoyl Hydroxyl Stearate	Not Listed	Not Listed	Not Listed
Zinc oxide	Listed Listed	Listed	Not Listed
Polytetrafluoroethylene	Not Listed	Listed	Not Listed
Titanium dioxide	Not Listed	Listed	Not Listed
Diphenylamine	Listed	Listed	Not Listed

International Inventories

Chemical Name	EINECS	DSL	NDSL	TSCA
Paraffinic Mineral Oil	X	X	-	X
Polybutene	-	X	-	X
Limestone	X	-	X	X
Talc (Mg3H2(SiO3)4)	X	X	-	X
1-Decene, Homopolymer Hydrogenated	-	X	-	X
Aluminum Benzoyl Hydroxyl Stearate	X	X	-	-
Zinc oxide	X	X	-	X
Polytetrafluoroethylene	-	X	-	X
Titanium dioxide	X	X	-	X
Diphenylamine	X	X	-	X

CPR

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

NFPA

Health - 0
Flammability - 1
Reactivity - 0

HMIS

Health - 0
Flammability - 1
Physical Hazard - 0

Prepared By

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The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.