



# SAFETY DATA SHEET

Issuing Date 20-Nov-2013

Revision Date 07-Sep-2018

Revision Number 3

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

**Product Name** Sil-Glyde Grease

### Other means of identification

**Product Code(s)** BK-4, BK-8, BK-12, BK-1, BK-1A, BK-1ASP, BK-3, BKC-3, BKB-1P, BKBC-1, HB-1, HB-1A, RH-1, RH-1A, RH-1ASP, SG-2, SG-4, SG-4BK, SG-8, SG-8BK, SG-18, SG-20, SG-55, SGO-2, BK-1D, BKC-1, SG-2H, SG-2SW, and SGB-2

**Synonyms** Sil-Glyde Lubricating Compound/Sil-Glyde Brake Lubricant

### Recommended use of the chemical and restrictions on use

**Recommended Use** General Home and Auto Lubricant/Brake Lubricant/Radiator Hose Grease/Hitch Ball Lube

**Uses advised against** No information available

### Supplier's details

#### **Supplier Address**

AGS Company  
Automotive Solutions LLC  
P.O. Box 729  
Muskegon, MI  
49443  
TEL: 800-253-0403

### Emergency telephone number

**Emergency Telephone Number** 800-255-3924

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous according to the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Not classified

### GHS Label elements, including precautionary statements

#### Emergency Overview

**Signal Word**

None

<b>Appearance</b> Opaque.	<b>Physical State</b> Semi-Solid.	<b>Odor</b> Odorless.
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**Precautionary Statements****Prevention**

- None

**General Advice**

- None

**Storage**

- None

**Disposal**

- None

**Hazard Not Otherwise Classified (HNOC)**

Not applicable.

**Other information**

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

**Unknown acute toxicity****3. COMPOSITION/INFORMATION ON INGREDIENTS****Synonyms**

Sil-Glyde Lubricating Compound/Sil-Glyde Brake Lubricant

Chemical Name	CAS-No	Weight %	Trade secret
Castor oil	8001-79-4	30-60	*
Diethyl phthalate	84-66-2	0.1-1	*

*\*The exact percentage (concentration) of composition has been withheld as a trade secret.*

**4. FIRST AID MEASURES****Description of necessary first-aid measures**

**Eye Contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact** Wash off immediately with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Remove and wash contaminated clothing before re-use.

**Inhalation** Move to fresh air.

**Ingestion** Clean mouth with water and afterwards drink plenty of water.

**Most important symptoms/effects, acute and delayed**

**Most Important Symptoms/Effects** Itching.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

**Specific Hazards Arising from the Chemical**

None known

**Explosion Data**

**Sensitivity to Mechanical Impact**

None.

**Sensitivity to Static Discharge**

None.

**Protective Equipment and Precautions for Firefighters**

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

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures****Personal Precautions**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Environmental Precautions****Environmental Precautions**

Dispose of contents/container to an approved waste disposal plant. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up****Methods for Containment**

Prevent further leakage or spillage if safe to do so.

**Methods for Cleaning Up**

Sweep up and shovel into suitable containers for disposal.

## 7. HANDLING AND STORAGE

**Precautions for safe handling****Handling**

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

**Conditions for safe storage, including any incompatibilities****Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible Products**

Strong oxidizing agents. Strong acids. Strong bases.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethyl phthalate 84-66-2	TWA: 5 mg/m <sup>3</sup>	(vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

**Other Exposure Guidelines**

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

**Appropriate engineering controls****Engineering Measures**

Showers

Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Safety glasses with side-shields.  
**Skin and Body Protection** Impervious gloves.  
**Respiratory Protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene Measures** Provide regular cleaning of equipment, work area and clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Semi-Solid.	<b>Appearance</b>	Opaque.
<b>Odor</b>	Odorless.	<b>Odor Threshold</b>	No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	218 °C / 425 °F	None known
Evaporation rate	Slower than Butyl Acetate	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
upper flammability limit	No data available	
lower flammability limit	No data available	
Vapor Pressure	Negligible	None known
Vapor Density	Heavier than air	Air = 1
Specific Gravity	1.0764	None known
Water Solubility	Negligible	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	282.117 Pa.s @ 21.224 deg C 193.378 Pa.s @ 40.774 deg C	None known

**Flammable Properties** No data available.

**Explosive Properties** No data available

**Oxidizing Properties** No data available

### Other information

**VOC Content (%)** 0

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### **Hazardous Polymerization**

Hazardous polymerization does not occur.

### **Conditions to avoid**

None known based on information supplied.

### **Incompatible materials**

Strong oxidizing agents. Strong acids. Strong bases.

### **Hazardous decomposition products**

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

#### **Product Information**

<b>Inhalation</b>	There is no data available for this product.
<b>Eye Contact</b>	There is no data available for this product.
<b>Skin Contact</b>	Repeated exposure may cause skin dryness or cracking.
<b>Ingestion</b>	There is no data available for this product.

#### **Component Information**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
2-Hydroxy-4-methoxybenzophenone	> 12.8 g/kg ( Rat ) = 7400 mg/kg ( Rat )	> 16 g/kg ( Rabbit )	-

### **Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Redness

### **Delayed and immediate effects and also chronic effects from short and long term exposure**

**Sensitization** Repeated or prolonged contact may cause allergic reactions in very susceptible persons  
**Mutagenic Effects** No information available  
**Carcinogenicity** Contains no ingredients above reportable quantities listed as a carcinogen.

**Reproductive Toxicity** No information available  
**STOT - single exposure** No information available  
**STOT - repeated exposure** No information available  
**Aspiration Hazard** No information available.

### **Numerical measures of toxicity - Product**

#### **Unknown acute toxicity**

*The following values are calculated based on chapter 3.1 of the GHS document:*

**LD50 Oral** 2637 mg/kg; Acute toxicity estimate

## 12. ECOLOGICAL INFORMATION

### **Ecotoxicity**

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)

Diethyl phthalate 84-66-2	EC50 96 h: 2.11 - 4.29 mg/L static (Pseudokirchneriella subcapitata) EC50 72 h: 42 - 255 mg/L (Pseudokirchneriella subcapitata) EC50 96 h: = 21 mg/L (Desmodesmus subspicatus) EC50 96 h: = 21 mg/L static (Desmodesmus subspicatus) EC50 72 h: = 23 mg/L (Desmodesmus subspicatus) EC50 72 h: = 23 mg/L static (Desmodesmus subspicatus)	LC50 96 h: = 12 mg/L flow-through (Oncorhynchus mykiss) LC50 96 h: = 16.7 mg/L static (Lepomis macrochirus) LC50 96 h: = 16.8 mg/L static (Pimephales promelas) LC50 96 h: = 17 mg/L flow-through (Pimephales promelas) LC50 96 h: = 22 mg/L flow-through (Lepomis macrochirus)	EC50 = 112 mg/L 30 min EC50 = 114 mg/L 15 min EC50 = 114 mg/L 5 min	EC50 48 h: 36 - 74 mg/L (Daphnia magna) EC50 48 h: = 86 mg/L Static (Daphnia magna)
Oleic acid 112-80-1		LC50 96 h: = 205 mg/L static (Pimephales promelas)		

**Persistence and Degradability** No information available

**Bioaccumulation** No information available

Chemical Name	Log Pow
Diethyl phthalate	2.35

**Other Adverse Effects**

No information available.

### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Do not re-use empty containers. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**TDG** Not regulated.

**MEX** Not regulated

### 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Contact supplier for inventory compliance status  
**DSL/NDSL** Contact supplier for inventory compliance status

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

#### Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Diethyl phthalate		X	X	

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Diethyl phthalate	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

#### U.S. State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals.

#### U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations.

#### U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

### 16. OTHER INFORMATION

**NFPA** Health Hazard 1 Flammability 0 Instability 0 Physical and Chemical Hazards -

**HMIS** Health Hazard 1 Flammability 0 Physical Hazard 0 Personal Protection X

\*Indicates a chronic health hazard.

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**Revision Note** Change to composition.

#### General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of Safety Data Sheet**