



# SAFETY DATA SHEET

Issuing Date 12-Jan-2016

Revision Date 15-Nov-2018

Revision Number 2

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

### GHS product identifier

**Product Name** Garage Door Grease

### Other means of identification

**Product Code(s)** GDL-8

**Synonyms** Garage Door Grease

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

**Recommended Use** For lubricating garage door tracks, slides and screws. Regular use assures thorough lubrication and protection against wear, moisture, and corrosion. Stops squeaks and sticking. Maintains consistent viscosity in temperatures from -50 deg F up to +365 deg F.

**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 product is considered hazardous by the OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200).

Skin Sensitization	Category 1
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### GHS Label elements, including precautionary statements

#### Emergency Overview

Signal Word	Warning
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**Hazard Statements**

- May cause an allergic skin reaction

**Appearance** Tan.**Physical State** Liquid.**Odor** Mineral Oil.**Precautionary Statements****Prevention**

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves.

**General Advice**

- None

**Skin**

- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation or rash occurs: Get medical advice/attention.
- Wash contaminated clothing before reuse.

**Storage**

- None

**Disposal**

- Dispose of contents/container to an approved waste disposal plant.

**Hazard Not Otherwise Classified (HNOC)**

Not applicable.

**Other information**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms**

Garage Door Grease

Chemical Name	CAS-No	Weight %	Trade secret
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	60-100	*
Aluminum iso-propoxide	555-31-7	1-5	*
Stearic acid, pure	57-11-4	1-5	*

\*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 thoroughly with plenty of water for at least 15 minutes and consult a physician.

<b>Skin Contact</b>	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	Clean mouth with water and afterwards drink plenty of water.
<b>Protection of First-aiders</b>	Avoid contact with skin, eyes and clothing.
<b><u>Most important symptoms/effects, acute and delayed</u></b>	
<b>Most Important Symptoms/Effects</b>	May cause allergic skin reaction.
<b><u>Indication of immediate medical attention and special treatment needed, if necessary</u></b>	
<b>Notes to Physician</b>	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** No information available

### **Specific Hazards Arising from the Chemical**

May cause sensitization by skin contact.

#### **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** Ensure adequate ventilation. Avoid contact with the skin and the eyes.

### **Environmental Precautions**

**Environmental Precautions** 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** Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

**Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

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

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

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Aluminum iso-propoxide 555-31-7	TWA: 1 mg/m <sup>3</sup> respirable particulate matter	-	-
Stearic acid, pure 57-11-4	TWA: 10 mg/m <sup>3</sup> inhalable particulate matter TWA: 3 mg/m <sup>3</sup> respirable particulate matter	-	-

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

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

**Eye/Face Protection** None required for consumer use. Risk of contact, wear: Safety glasses with side-shields.  
**Skin and Body Protection** None required for consumer use. Repeated or prolonged contact: Gloves should be worn.  
**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** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

**Physical State** Liquid.  
**Odor** Mineral Oil.  
**Appearance**  
**Odor Threshold**  
**Tan.** No information available.

<u>Property</u>	<u>Values</u>	<u>Remarks/ - Method</u>
<b>pH</b>	No data available	None known
<b>Melting Point/Range</b>	No data available	None known
<b>Boiling Point/Boiling Range</b>	500 °F	None known
<b>Flash Point</b>	400 °F	None known
<b>Evaporation rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
upper flammability limit	No data available	
lower flammability limit	No data available	
<b>Vapor Pressure</b>	No data available	None known
<b>Vapor Density</b>	No data available	None known
<b>Specific Gravity</b>	0.94 - 0.95	None known
<b>Water Solubility</b>	No data available	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition Temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Viscosity</b>	No data available	None known

**Flammable Properties** No data available.

**Explosive Properties** No data available

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**Oxidizing Properties** No data available

**Other information**

**VOC Content (%)** 9.60%

## 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**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

## 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>	There is no data available for this product. May cause allergic skin reaction.
<b>Ingestion</b>	There is no data available for this product.

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

**Symptoms** Allergic skin reactions or irritation.

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

<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Mutagenic Effects</b>	No information available
<b>Carcinogenicity</b>	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**

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

**LD50 Oral** 3527 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)
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5		LC50 96 h: > 5000 mg/L (Oncorhynchus mykiss)		EC50 48 h: > 1000 mg/L (Daphnia magna)
Palmitic acid, pure 57-10-3		LC50 96 h: < 3000 mg/L semi-static (Brachydanio rerio) LC50 96 h: = 150 mg/L (Oryzias latipes) LC50 96 h: = 54 mg/L semi-static (Brachydanio rerio)		
Stearic acid, pure 57-11-4		LC50 96 h: < 3000 mg/L semi-static (Brachydanio rerio)		
Benzoic acid 65-85-0	EC50 3 h: = 5 mg/L (Anabaena inaequalis)	LC50 96 h: = 180 mg/L (Gambusia affinis)		EC50 24 h: = 300 mg/L (Daphnia magna) EC50 48 h: = 860 mg/L Static (Daphnia magna)
Myristic acid, pure 544-63-8		LC50 96 h: < 3000 mg/L semi-static (Brachydanio rerio) LC50 96 h: = 118 mg/L static (Oryzias latipes) LC50 96 h: = 38 mg/L semi-static (Brachydanio rerio) LC50 96 h: = 54 mg/L semi-static (Brachydanio rerio)		EC50 16 h: > 27 mg/L (Artemia salina)
Heptadecanoic acid 506-12-7		LC50 96 h: < 3000 mg/L semi-static (Brachydanio rerio)		

**Persistence and Degradability** No information available

**Bioaccumulation** No information available

**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.

## 14. TRANSPORT INFORMATION

DOT Not regulated

ICAO Not regulated

IMDG/IMO 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).

**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.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Illinois	Rhode Island
Petroleum distillates, hydrotreated heavy naphthenic				X	

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health Hazard 1	Flammability 0	Instability 0	Physical and Chemical Hazards -
<b><u>HMIS</u></b>	Health Hazard 1	Flammability 0	Physical Hazard 0	Personal Protection X

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**Revision Note** Added VOC content.

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**