

Safety Data Sheet



Section 1: Identification

Product identifier

- Product Name** • **Mopar SAE 75W-85**
- Synonyms** • 04874459

Relevant identified uses of the substance or mixture and uses advised against

- Recommended use** • Gear lubricant. For specific application advice see appropriate Technical Data Sheet or consult our company representative.
- Restrictions on use** • No data available

Details of the supplier of the safety data sheet

- Manufacturer** • Mopar (FCA US LLC Service & Customer Care Division)
26311 Lawrence Ave.
Center Line, MI 48015
United States
- MoparSDS@fcagroup.com
- Telephone (General)** • 1-800-84-Mopar

Emergency telephone number

- Manufacturer** • 248-512-8002

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

- OSHA HCS 2012** • Not classified.
Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 1.3%

Label elements

OSHA HCS 2012

No signal word.

- Hazard statements** • No known significant effects or critical hazards.

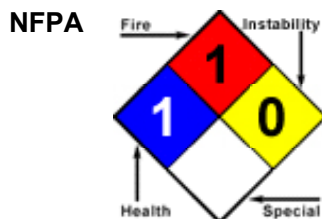
Precautionary statements

- Prevention** • Not Applicable

- Response** ● Not applicable
- Storage/Disposal** ● Storage: Not applicable. Disposal: Not applicable.
- HCS 2012 Other Information** ● OSHA/HCS status: This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Other hazards**OSHA HCS 2012**

- Hazards not otherwise classified : Defatting to the skin.

Other information

- HMIS** ● Health = 1; Flammability = 1; Reactivity = 0; Personal Protection = X

Section 3 - Composition/Information on Ingredients**Substances****Mixtures**

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Dec-1-ene, homopolymer hydrogenated Dec-1-ene, oligomers, hydrogenated	CAS:68037-01-4	10% TO 15%		OSHA HCS 2012:	NDA

Any concentration shown as a range is to protect confidentiality or is due to batch variation. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4: First-Aid Measures**Description of first aid measures****Inhalation**

- If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Skin

- Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention if symptoms occur.

Eye

- In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.

Ingestion

- Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

- See Section 11 for more detailed information on health effects and symptoms.

Indication of any immediate medical attention and special treatment needed

Other information

- Notes to physician: Treatment should in general be symptomatic and directed to relieving any effects. Specific treatments: No specific treatment. Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media ● In case of fire, use foam, dry chemical or carbon dioxide extinguisher or spray.

Unsuitable Extinguishing Media ● Do not use water jet.

Firefighting Procedures ● Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards ● In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous Combustion Products ● Combustion products may include the following: carbon dioxide, carbon monoxide.

Advice for firefighters

- Fire-fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions ● No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. Floors may be slippery; use care to avoid falling.

Emergency Procedures ● For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions

- Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Containment/Clean-up Measures ● Small spill: Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor. Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Protective measures: Put on appropriate personal protective equipment (see Section 8) ; Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

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

- Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Store and use only in equipment/containers designed for use with this product. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8 - Exposure Controls/Personal Protection**Control parameters****Exposure Limits/Guidelines**

- Occupational exposure limits: This product does not have any assigned OELs.

Exposure controls**Engineering Measures/Controls**

- All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained. Your supplier of personal protective equipment should be consulted for advice on selection and appropriate standards. For further information contact your national organisation for standards. Provide exhaust ventilation or other engineering controls to keep the relevant airborne concentrations below their respective occupational exposure limits. The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible.

Personal Protective Equipment**Respiratory**

- In case of insufficient ventilation, wear suitable respiratory equipment. The correct choice of respiratory protection depends upon the chemicals being handled, the conditions of work and use, and the condition of the respiratory equipment. Safety procedures should be developed for each intended application. Respiratory protection equipment should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions.

Eye/Face

- Safety glasses with side shields.

Hands

- Wear suitable gloves. The correct choice of protective gloves depends upon the chemicals being handled, the conditions of work and use, and the condition of the gloves (even the best chemically resistant glove will break down after repeated chemical exposures). Most gloves provide only a short time of protection before they must be discarded and replaced. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application. Gloves should therefore be chosen in consultation with the supplier/manufacturer and with a full assessment of the working conditions. Consult your supervisor or Standard Operating Procedure (S.O.P) for special handling instructions.

Skin/Body

- Use of protective clothing is good industrial practice. Cotton or polyester/cotton overalls will only provide protection against light superficial contamination that will not soak through to the skin. Overalls should be laundered on a regular basis. When the risk of skin exposure is high (e.g. when cleaning up spillages or if there is a risk of splashing) then chemical resistant aprons and/or impervious chemical suits and boots will be required. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. OTHER SKIN PROTECTION: Appropriate footwear and any additional skin protection measures should be selected based on

the task being performed and the risks involved and should be approved by a specialist before handling this product.

General Industrial Hygiene Considerations

- Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Environmental Exposure Controls

- Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	No data available
Color	Amber	Odor	No data available
Taste	No data available	Particulate Type	No data available
Particulate Size	No data available	Aerosol Type	No data available
Odor Threshold	No data available	Physical and Chemical Properties	No data available
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	No data available
pH	No data available	Specific Gravity/Relative Density	No data available
Density	No data available	Bulk Density	No data available
Water Solubility	insoluble in water.	Solvent Solubility	No data available
Viscosity	Kinematic: 75 mm ² /s (75 cSt) at 40°C Kinematic: 12 mm ² /s (12 cSt) at 100°C	Explosive Properties	No data available
Oxidizing Properties:	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Wt.)	No data available
VOC (Vol.)	No data available	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
Flammability			
Flash Point	200 C(392 F) CC (Closed Cup) [Pensky-Martens.]	UEL	No data available
LEL	No data available	Flame Duration	No data available
Heat of Combustion (ΔH_c)	No data available	Burning Time	No data available
Flame Height	No data available	Flame Extension	No data available
Ignition Distance	No data available	Self-Accelerating Decomposition Temperature (SADT)	No data available
Autoignition	No data available	Flammability (solid, gas)	Not applicable. Based on - Physical state.
Environmental			
Half-Life	No data available	Octanol/Water Partition coefficient	No data available
Coefficient of water/oil distribution	No data available	Bioaccumulation Factor	No data available
Bioconcentration Factor	No data available	Biochemical Oxygen Demand BOD/BOD ₅	No data available

Chemical Oxygen Demand	No data available	Persistence	No data available
Degradation	No data available		

Section 10: Stability and Reactivity

Reactivity

- No specific test data available for this product. Refer to Conditions to avoid and Incompatible materials for additional information.

Chemical stability

- The product is stable.

Possibility of hazardous reactions

- Under normal conditions of storage and use, hazardous reactions will not occur. Under normal conditions of storage and use, hazardous polymerization will not occur.

Conditions to avoid

- Avoid all possible sources of ignition (spark or flame).

Incompatible materials

- Reactive or incompatible with the following materials: oxidizing materials.

Hazardous decomposition products

- Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Information on toxicological effects

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Data lacking
Aspiration Hazard	OSHA HCS 2012 • Data lacking
Carcinogenicity	OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	OSHA HCS 2012 • Data lacking
Skin sensitization	OSHA HCS 2012 • Data lacking
STOT-RE	OSHA HCS 2012 • Data lacking
STOT-SE	OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	OSHA HCS 2012 • Data lacking
Respiratory sensitization	OSHA HCS 2012 • Data lacking
Serious eye damage/Irritation	OSHA HCS 2012 • Data lacking

Route(s) of entry/exposure

- Routes of entry anticipated: Oral, Dermal, Inhalation.

Potential Health Effects

Inhalation

Acute (Immediate)

- Vapor inhalation under ambient conditions is not normally a problem due to low vapor pressure. Symptoms related to the physical, chemical and toxicological

	characteristics : No specific data.
Chronic (Delayed)	<ul style="list-style-type: none"> • No known significant effects or critical hazards.
Skin	
Acute (Immediate)	<ul style="list-style-type: none"> • No known significant effects or critical hazards. Adverse symptoms may include the following: irritation, dryness, cracking.
Chronic (Delayed)	<ul style="list-style-type: none"> • No known significant effects or critical hazards.
Eye	
Acute (Immediate)	<ul style="list-style-type: none"> • No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics : No specific data.
Chronic (Delayed)	<ul style="list-style-type: none"> • No known significant effects or critical hazards.
Ingestion	
Acute (Immediate)	<ul style="list-style-type: none"> • No known significant effects or critical hazards. Symptoms related to the physical, chemical and toxicological characteristics : No specific data.
Chronic (Delayed)	<ul style="list-style-type: none"> • No known significant effects or critical hazards.
Other	
Acute (Immediate)	<ul style="list-style-type: none"> • Potential immediate effects : Not available ; Potential delayed effects : Not available.
Chronic (Delayed)	<ul style="list-style-type: none"> • Potential immediate effects : Not available ; Potential delayed effects : Not available.
Mutagenic Effects	<ul style="list-style-type: none"> • No known significant effects or critical hazards.
Carcinogenic Effects	<ul style="list-style-type: none"> • No known significant effects or critical hazards.
Reproductive Effects	<ul style="list-style-type: none"> • No known significant effects or critical hazards.
Other information	<ul style="list-style-type: none"> • ASPIRATION HAZARD - Category 1 ; Acute toxicity estimates : Not available.

Section 12 - Ecological Information

Toxicity

- No testing has been performed by the manufacturer.

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in Soil

- No data available

Other adverse effects

- No known significant effects or critical hazards.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste

- The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local

authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Packaging waste

- Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	Not regulated	NDA	NDA	NDA	NDA
TDG	Not regulated	NDA	NDA	NDA	NDA
IMO/IMDG	Not regulated	NDA	NDA	NDA	NDA
IATA/ICAO	Not regulated	NDA	NDA	NDA	NDA

Special precautions for user • No data available

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

DOT • Not regulated. Environmental hazards: No.

TDG • Not regulated. Environmental hazards: No.

IMO/IMDG • Not regulated. Environmental hazards: No.

IATA/ICAO • Not regulated. Environmental hazards: No.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • SARA 302/304 Composition/information on ingredients : No products were found ; SARA 311/312 Classification : Not applicable ; SARA 313 Form R - Reporting requirements : This product does not contain any hazardous ingredients at or above regulated thresholds ; Supplier notification : This product does not contain any hazardous ingredients at or above regulated thresholds.

Inventory			
Component	CAS	Canada DSL	TSCA
Dec-1-ene, homopolymer hydrogenated Dec-1-ene, oligomers, hydrogenated	68037-01-4	Yes	Yes

Other Information

- State regulations:
 Massachusetts: None of the components are listed
 New Jersey: None of the components are listed
 Pennsylvania: None of the components are listed

California Prop. 65:

WARNING: This product contains a chemical known to the State of California to cause cancer (Ethyl acrylate)

United States inventory (TSCA 8b): All components are listed or exempted.

Section 16 - Other Information

- Last Revision Date** ● 13/April/2015
- Preparation Date** ● 13/April/2015
- Disclaimer/Statement of Liability** ● No data available

Key to abbreviations

Key to abbreviations ACGIH = American Conference of Industrial Hygienists ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor CAS Number = Chemical Abstracts Service Registry Number GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) OEL = Occupational Exposure Limit SDS = Safety Data Sheet STEL = Short term exposure limit TWA = Time weighted average UN = United Nations UN Number = United Nations Number, a four digit number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods.
