



# SAFETY DATA SHEET

This document is not required as per the local legislation, but is instead provided for information purposes. US OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada WHMIS 2015 which includes the amended Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR)

Issuing Date 24-Jan-2020                      Revision Date 22-Apr-2024                      Revision Number 2

## 1. Identification

**Product identifier**

Product Name                      SEVERE GEAR® SAE 75W-140 100% Synthetic Gear Lube

**Other means of identification**

Product Code(s)                      SVO

Synonyms                      None

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

Recommended use                      Lubricating Oil

Restrictions on use                      Avoid formation of mists

**Details of the supplier of the safety data sheet**

**Supplier Address**  
AMSOIL INC.  
Bay Adelaide Centre, East Tower  
22 Adelaide St. W  
Toronto, ON, Canada M5H 4E3  
T: +1 877-822-5172

**Manufacturer Address**  
AMSOIL INC.  
One AMSOIL Center  
Superior, WI 54880, USA  
T: +1 715-392-7101

E-mail                      compliance@amsoil.com

**Emergency telephone number**

Emergency telephone                      CHEMTREC: Within USA and Canada: 1-800-424-9300  
Outside the USA and Canada: +1 703-741-5970  
(collect calls accepted) 24/7

## 2. Hazard(s) identification

**Classification**

This product is not considered hazardous by either the US 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) or the Canadian Workplace Hazardous Material Information System (WHMIS 2015).

**Label elements**

**Hazard statements**  
Not classified.

**Other information**  
Harmful to aquatic life.

3. Composition/information on ingredients

**Substance**

Not applicable.

**Mixture**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

**Chemical Additions**

The classification as a carcinogen does not apply as it can be shown that the substance(s) contain(s) less than 3% DMSO extract as measured by IP 346.

4. First-aid measures

**Description of first aid measures**

|                                    |                                                                                                                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General advice                     | Get medical attention immediately if symptoms occur. Show this safety data sheet to the doctor in attendance.                                                                                 |
| Inhalation                         | Remove person to fresh air and keep comfortable for breathing.                                                                                                                                |
| Eye contact                        | Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| Skin contact                       | Wash skin with soap and water. Take off contaminated clothing. Get medical attention if irritation develops and persists.                                                                     |
| Ingestion                          | Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.                                                                                                   |
| Self-protection of the first aider | Wear personal protective clothing (see section 8).                                                                                                                                            |

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

|                     |                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------|
| Symptoms            | May cause gastrointestinal discomfort if consumed in large amounts. May cause temporary eye irritation. |
| Effects of Exposure | No information available.                                                                               |

**Indication of any immediate medical attention and special treatment needed**

|                    |                        |
|--------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|--------------------|------------------------|

5. Fire-fighting measures

|                                            |                                                                                                                                                                                  |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable Extinguishing Media               | Water spray, carbon dioxide (CO2), dry chemical, alcohol-resistant foam. 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 | Containers can burst or explode when heated, due to excessive pressure build-up. Thermal decomposition can lead to release of irritating gases and vapors.                       |



|                                                                |                                                                                                                                    |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Hazardous combustion products                                  | Carbon monoxide. Carbon dioxide (CO2). Hydrocarbons.                                                                               |
| Explosion data                                                 |                                                                                                                                    |
| Sensitivity to mechanical impact                               | None.                                                                                                                              |
| Sensitivity to static discharge                                | None.                                                                                                                              |
| Special protective equipment and precautions for fire-fighters | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

|                          |                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions     | Use personal protective equipment as required. See section 8 for more information. Ensure adequate ventilation, especially in confined areas. |
| For emergency responders | Use personal protection recommended in Section 8.                                                                                             |

Methods and material for containment and cleaning up

|                             |                                                                                                                                                                                                                                                                                                                |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Methods for containment     | Prevent further leakage or spillage if safe to do so. Prevent materials or runoff from entering drains, sewers, streams, ground water or bodies of water.                                                                                                                                                      |
| Methods for cleaning up     | Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Clean contaminated surface thoroughly. After cleaning, flush away traces with water. |
| Reference to other sections | For additional information see: Section 8: Exposure controls/personal protection; Section 12: Ecological information; Section 13: Disposal considerations.                                                                                                                                                     |

7. Handling and storage

Precautions for safe handling

|                         |                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on safe handling | Avoid contact with used product. Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Wash hands thoroughly after handling. |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Conditions for safe storage, including any incompatibilities

|                    |                                                                                                                                                                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage Conditions | Keep container tightly closed in a dry and well-ventilated place. Do not reuse empty containers. Use appropriate containment to avoid environmental contamination. Store away from incompatible materials. See section 10 for more information. |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

8. Exposure controls/personal protection

Control parameters

|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Exposure Limits | This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies. Under conditions which may generate mists, the following exposure limits are recommended: Long-term exposure limit (8-hour TWA): 5 mg/m³. Short-term exposure limit (15-minute): 10 mg/m³. The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits. |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



|                                                                              |                                                                                                                                                                                                 |
|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Biological occupational exposure limits                                      | This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.                                                |
| <u>Appropriate engineering controls</u>                                      |                                                                                                                                                                                                 |
| Engineering controls                                                         | Ensure adequate ventilation, especially in confined areas.                                                                                                                                      |
| <u>Individual protection measures, such as personal protective equipment</u> |                                                                                                                                                                                                 |
| Eye/face protection                                                          | If there is a risk of contact: Wear safety glasses with side shields (or goggles).                                                                                                              |
| Hand protection                                                              | If there is a risk of contact: Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.       |
| Skin and body protection                                                     | If there is a risk of contact: Wear suitable protective clothing.                                                                                                                               |
| Respiratory protection                                                       | No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.                        |
| Environmental exposure controls                                              | Avoid release to the environment. Prevent entry into waterways, sewers, basements or confined areas.                                                                                            |
| General hygiene considerations                                               | Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. |

9. Physical and chemical properties

Information on basic physical and chemical properties

|                                         |                              |
|-----------------------------------------|------------------------------|
| Appearance                              |                              |
| Physical state                          | Liquid                       |
| Color                                   | yellow                       |
| Odor                                    | Sulfur                       |
| Odor threshold                          | No information available     |
| <u>Property</u>                         |                              |
| <u>Values</u>                           |                              |
| <u>Remarks • Method</u>                 |                              |
| pH                                      | No data available            |
| Melting point / freezing point          | No data available            |
| Initial boiling point and boiling range | No data available            |
| Flash point                             | 216 °C / 420.8 °F            |
| Evaporation rate                        | Cleveland Open Cup ASTM D 92 |
| Flammability                            | No data available            |
| Flammability Limit in Air               | No data available            |
| Upper flammability or explosive limits  | No data available            |
| Lower flammability or explosive limits  | No data available            |
| Vapor pressure                          | No data available            |
| Relative vapor density                  | No data available            |
| Relative density                        | 0.8607                       |
| Water solubility                        | No data available            |
| Solubility(ies)                         | No information available     |
| Partition coefficient                   | No data available            |
| Autoignition temperature                | No data available            |
| Decomposition temperature               | No data available            |
| Kinematic viscosity                     | 172.1 cSt @40°C              |
|                                         | 25.9 cSt @100°C              |



Dynamic viscosity No data available

Other information

Explosive properties No information available.  
Oxidizing properties No information available.  
Softening point No information available  
Pour Point -43°C [ASTM D 97]  
Fire Point 230°C (COC) [ASTM D 92]  
Molecular weight No information available  
VOC content No information available  
Liquid Density No information available  
Bulk density No information available

10. Stability and reactivity

Reactivity None under normal use conditions.  
Chemical stability Stable under normal conditions.  
Possibility of hazardous reactions None under normal processing.  
Conditions to avoid None known based on information supplied.  
Incompatible materials None known based on information supplied.  
Hazardous decomposition products Processing may release irritating fumes, olefinic and paraffinic compounds, carbon monoxide, and carbon dioxide. Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation Specific test data for the substance or mixture is not available.  
Eye contact Specific test data for the substance or mixture is not available.  
Skin contact Specific test data for the substance or mixture is not available.  
Ingestion Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms May cause temporary eye irritation.

Acute toxicity

Numerical measures of toxicity  
Based on available data, the classification criteria are not met

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.  
Serious eye damage/eye irritation No information available.  
Respiratory or skin sensitization No information available.  
Germ cell mutagenicity No information available.



|                          |                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Carcinogenicity          | The supplier declares that it can be shown that the substance(s) contain less than 3% DMSO extract as measured by IP 346. |
| Reproductive toxicity    | No information available.                                                                                                 |
| STOT - single exposure   | No information available.                                                                                                 |
| STOT - repeated exposure | No information available.                                                                                                 |
| Aspiration hazard        | Due to the viscosity, this product does not present an aspiration hazard.                                                 |

12. Ecological information

|                               |                           |
|-------------------------------|---------------------------|
| Ecotoxicity                   | Harmful to aquatic life.  |
| Persistence and degradability | No information available. |
| Bioaccumulation               | No information available. |
| Other adverse effects         | No information available. |

13. Disposal considerations

Disposal methods

|                                     |                                                                                                                 |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Waste from residues/unused products | Dispose of in accordance with local regulations, Dispose of waste in accordance with environmental legislation. |
| Contaminated packaging              | Do not reuse empty containers.                                                                                  |
| US EPA Waste Number                 | U019 U165 U239                                                                                                  |

14. Transport information

|      |               |
|------|---------------|
| DOT  | Not regulated |
| TDG  | Not regulated |
| IATA | Not regulated |
| IMDG | Not regulated |

15. Regulatory information

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

International Regulations

- The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable
- The Stockholm Convention on Persistent Organic Pollutants Not applicable
- The Rotterdam Convention Not applicable

International Inventories



Contact supplier for inventory compliance status.

US Federal Regulations

**SARA 313**  
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.

**CWA (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.

US State Regulations

**California Proposition 65**  
This product contains the following Proposition 65 chemicals:.

| Chemical name           | California Proposition 65 |
|-------------------------|---------------------------|
| Ethylbenzene - 100-41-4 | Carcinogen                |
| Naphthalene - 91-20-3   | Carcinogen                |
| Cumene - 98-82-8        | Carcinogen                |

U.S. State Right-to-Know Regulations

| Chemical name                        | New Jersey | Massachusetts | Pennsylvania |
|--------------------------------------|------------|---------------|--------------|
| Ethylbenzene<br>100-41-4             | X          | X             | X            |
| Naphthalene<br>91-20-3               | X          | X             | X            |
| Benzene, 1,2,4-trimethyl-<br>95-63-6 | X          | X             | X            |
| Cumene<br>98-82-8                    | X          | X             | X            |

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

|             |                  |                |                    |                       |
|-------------|------------------|----------------|--------------------|-----------------------|
| <b>NFPA</b> | Health hazards 0 | Flammability 0 | Instability 0      | Special hazards -     |
| <b>HMIS</b> | Health hazards 0 | Flammability 0 | Physical hazards 0 | Personal protection X |



Chronic Hazard Star Legend                      \* = Chronic Health Hazard

Key or legend to abbreviations and acronyms used in the safety data sheet

**Legend**  
SVHC: Substances of Very High Concern for Authorization:  
PBT: Persistent, Bioaccumulative, and Toxic (PBT) Substances  
vPvB: Very Persistent and very Bioaccumulative (vPvB) Substances  
STOT: Specific Target Organ Toxicity  
ATE: Acute Toxicity Estimate  
LC50: 50% Lethal Concentration  
LD50: 50% Lethal Dose

| Legend Section 8: Exposure controls/personal protection |                             |      |                                  |
|---------------------------------------------------------|-----------------------------|------|----------------------------------|
| TWA                                                     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling                                                 | Maximum limit value         | Sk*  | Skin designation                 |
| +                                                       | Sensitizers                 |      |                                  |

Key literature references and sources for data used to compile the SDS

U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGL(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

|               |                                        |
|---------------|----------------------------------------|
| Issuing Date  | 24-Jan-2020                            |
| Revision Date | 22-Apr-2024                            |
| Revision Note | SDS sections updated: 1, 3, 4, 11, 15. |

**Disclaimer**  
The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet

