

# Safety Data Sheet

**Product identifier used on the label:** Allied MultiP GL-5 80W-90

**Product Code:** ALGER012

**Revision Date:** 04-15-2021

**Replaces:** 12-14-2020

## 1. Identification

**Product identifier used on the label:** Allied MultiP GL-5 80W-90  
**Product Code:** ALGER012

**Other means of identification:**

**Synonyms:** No data available

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

**Recommended use:** Gear Oil

**Restrictions on use:** Uses other than those described above

**Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:** ALLIED OIL & SUPPLY, INC.  
2209 S. 24th Street  
Omaha, NE 68108

**Phone number:** 402-344-4343 800-333-3717

**E-mail address:** info@allied-oil.com

**Emergency phone number:** CHEMTREC: +1 (800) 424-9300

## 2. Hazard(s) identification

**Classification of the chemical in accordance with paragraph (d) of §1910.1200:**

**GHS Hazard Symbols:**



**GHS Classification:** Hazardous to the aquatic environment - Acute Category 2

Hazardous to the aquatic environment - Chronic Category 2

**Hazard Statements:** Toxic to aquatic life; Toxic to aquatic life with long lasting effects

**Precautionary Statements:**

**Prevention:** Avoid release to the environment.

**Response:** Collect spillage.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Hazards not otherwise classified:** No data available

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## 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Petroleum distillates, hydrotreated heavy paraffinic	No data available	64742-54-7	60 - 80
Distillates, petroleum, solvent-dewaxed heavy paraffinic	No data available	64742-65-0	10 - 30
(Z)-Octadec-9-enylamine	No data available	112-90-3	0.1 - 1
Petroleum distillates, solvent-refined heavy paraffinic	No data available	64741-88-4	0.1 - 1
Amines, C12-14-tert-alkyl	No data available	68955-53-3	0.1 - 1

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

## 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

<b>Inhalation:</b>	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen. Get medical attention immediately.
<b>Eye Contact:</b>	Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.
<b>Skin Contact:</b>	Wash with soap and water under a drench shower. Remove contaminated clothing, launder immediately, and discard contaminated leather goods. Get medical attention immediately. Remove contaminated clothing and continue flushing with water.
<b>Ingestion:</b>	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS.

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

Eye irritation, Coughing No data available

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

No additional first aid information available.

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## 5. Fire-fighting measures

**Suitable (and unsuitable) extinguishing media:**

**Suitable extinguishing media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

**Unsuitable extinguishing media:** No data available

**Specific hazards arising from the chemical:** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Hazardous combustion products:** Nitrogen containing gases, Carbon dioxide, Carbon monoxide, Sulfur containing gases, oxides of phosphorus, Hydrogen sulfide

**Special protective equipment and precautions for fire-fighters:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Avoid release to the environment.

**Methods and materials for containment and cleaning up:** Collect spillage.

## 7. Handling and storage

**Precautions for safe handling:** Toxic or severely irritating material. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. Empty containers may retain product residues/ vapors. Use proper bonding and grounding during bulk product transfer. Follow all protective equipment recommendations provided in Section 8.

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

**Safe storage conditions:** Store in a cool dry place. Isolate from incompatible materials.

**Materials to Avoid/Chemical Incompatibility:** Acids, Oxidizing materials

## 8. Exposure controls/personal protection

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OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
Petroleum distillates, hydrotreated heavy paraffinic	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> STEL	No data available
Distillates, petroleum, solvent-dewaxed heavy paraffinic	5 mg/m <sup>3</sup> TWA	5 mg/m <sup>3</sup> TWA	10 mg/m <sup>3</sup> STEL	No data available

**Appropriate engineering controls:** Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

**Individual protection measures, such as personal protective equipment:**

**Respiratory Protection:** Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

**Respirator Type(s):** None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

**Eye protection:** Wear chemically resistant safety glasses with side shields when handling this product. Wear additional eye protection such as chemical splash goggles and/or face shield when the possibility exists for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses. Have an eye wash station available.

**Skin protection:** Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** Neoprene, Nitrile

**General hygiene conditions:** Follow all protective equipment recommendations provided in Section 8.

## 9. Physical and chemical properties

**Appearance (physical state, color etc.):**

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Physical state:	Liquid
Color:	Brown
Odor:	Mild
Odor Threshold:	Not determined
pH:	No data available
Melting point/freezing point:	
Melting Point:	No data available
Freezing point:	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point (°C):	232
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	Not established
Lower flammability or explosive limits:	Not established
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	0.88
Solubility(ies):	Negligible; 0-1%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	152.7

## 10. Stability and reactivity

Reactivity:	There are no known reactivity hazards associated with this product.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None expected under standard conditions of storage.
Conditions to avoid (e.g., static discharge, shock, or vibration):	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.

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<b>Incompatible materials:</b>	Moisture (will lead to product performance degradation). Acids, Oxidizing materials
<b>Hazardous decomposition products:</b>	Nitrogen containing gases, Carbon dioxide, Carbon monoxide, Sulfur containing gases, oxides of phosphorus, Hydrogen sulfide

## 11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

<b>Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):</b>	Skin contact, Inhalation, Ingestion, Eye contact
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<b>Symptoms related to the physical, chemical and toxicological characteristics:</b>	Eye irritation, Coughing No data available
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Delayed and immediate effects and also chronic effects from short- and long-term exposure:

<b>Ingestion:</b>	No hazard in normal industrial use. Estimated to be > 5.0 g/kg.
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<b>Skin Contact:</b>	This material is likely to be corrosive to skin based on animal studies. Corrosive to skin tissue. Can cause chemical burns.
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<b>Absorption:</b>	Estimated to be > 5.0 g/kg; practically non-toxic
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<b>Inhalation:</b>	No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.
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<b>Eye Contact:</b>	This material is likely to cause irreversible effects or corrosion to eyes based on animal data. Can cause severe irritation. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva. Temporary vision impairment (cloudy or blurred vision) is possible.
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<b>Sensitization:</b>	Non-hazardous under Respiratory Sensitization category.
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<b>Mutagenicity:</b>	No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
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<b>Carcinogenicity:</b>	Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.
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<b>Reproductive toxicity</b>	Not known or reported to cause reproductive or developmental toxicity.
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**STOT-single exposure:** Based on available data, the classification criteria are not met.  
**STOT-repeated exposure:** Based on available data, the classification criteria are not met.  
**Aspiration hazard:** Based on available data, the classification criteria are not met.  
**Other information:** None known.

## Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Amines, C12-14-tert-alkyl	Oral LD50 Rat 300 mg/kg	Dermal LD50 Rat 251 mg/kg	
Petroleum distillates, solvent-refined heavy paraffinic	Oral LD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5530 MG/M3
(Z)-Octadec-9-enylamine	Oral LD50 Rat 1689 mg/kg		
Distillates, petroleum, solvent-dewaxed heavy paraffinic	Oral LD50 Rat > 15000 mg/kg	Dermal LD50 Rabbit > 5000 mg/kg	Inhalation LC50 (4h) Rat > 2400 MG/M3
Petroleum distillates, hydrotreated heavy paraffinic	Oral LD50 Rat > 15000 mg/kg	Dermal LD50 Rabbit > 5000 mg/kg	

Is the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
There are no components that are known or reported to cause cancer.			

## 12. Ecological information

**Ecotoxicity (aquatic and terrestrial, where available):** Extreme ecological hazard. This product may be highly toxic to plants and/or wildlife.

### Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Amines, C12-14-tert-alkyl	68955-53-3	No data available	Aquatic ERC50 (72h) Green Algae 0.44 mg/L	LC50 (96h) Rainbow Trout 1.3 mg/L
Petroleum distillates,	64741-88-4	EC50 (48h) Daphnia	No data available	LC50 (96h)

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solvent-refined heavy paraffinic		magna > 1000 mg/L		Rainbow Trout > 5000 mg/L
(Z)-Octadec-9-enylamine	112-90-3	EC50 (48h) Daphnia magna 0.011 mg/L	Aquatic ERC50 (96h) Green Algae 0.04 mg/L	LC50 (96h) Pimephales promelas (Fathead Minnow) 0.06 mg/L
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	EC50 (48h) Daphnia magna > 1000 mg/L	No data available	LC50 (96h) Rainbow Trout > 5000 mg/L

**Persistence and degradability:** Biodegrades at a moderate rate.

**Bioaccumulative potential:** Bioconcentration may occur.

**Mobility in soil:** This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

**Other adverse effects (such as hazardous to the ozone layer):** None known.

## 13. Disposal considerations

**Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:** Dispose of contents and container in accordance with local/regional/national/international regulations.

**Contaminated packaging:** Containers of this material may be hazardous when emptied.  
Recycle containers whenever possible.

## 14. Transport information

**Carriage of dangerous goods by road (DOT), rail or inland waterways:**

**International carriage of dangerous goods by sea (IMDG/IMO):**

**UN number:** Not regulated by IMDG

**UN Proper shipping name:** Not applicable

**Transport hazard class(es):** Not applicable



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Packing group, if applicable: Not applicable

**International carriage of dangerous goods by air (IATA):**

UN number: Not regulated by IATA

UN Proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group, if applicable: Not applicable

Environmental hazards (e.g., Marine pollutant (Yes/No)): Yes

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

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

<b>15. Regulatory information</b>
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**Safety, health and environmental regulations specific for the product in question:**

**TSCA Status:** All components of this material are on the Active US TSCA Inventory or are exempt.

**Regulated Components:**

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	N	N	N	N
(Z)-Octadec-9-enylamine	112-90-3	N	N	N	N
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	N	N	N	N

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Amines, C12-14-tert-alkyl	68955-53-3	N	N	N	N
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Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	N	N	N	N
(Z)-Octadec-9-enylamine	112-90-3	N	N	N	N
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	N	N	N	N
Amines, C12-14-tert-alkyl	68955-53-3	N	N	N	N

Chemical Name	CAS #	Massachusetts RTK List	New Jersey RTK List	Pennsylvania RTK List	Rhode Island RTK List	Minnesota Hazardous Substance List
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	N	N	N	N	N
Distillates, petroleum, solvent-dewaxed heavy paraffinic	64742-65-0	N	N	N	N	N
(Z)-Octadec-9-enylamine	112-90-3	N	N	N	N	N
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	N	N	N	N	N
Amines, C12-14-tert-alkyl	68955-53-3	N	N	N	N	N

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<b>16. Other information, including date of preparation or last revision.</b>
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<b>SDS Prepared by:</b>	DB_HAZOX
<b>Revision Date:</b>	04-15-2021
<b>Revision Number:</b>	18
<b>Reason for revision:</b>	Activated by Document Formulation Generation
<b>References:</b>	No data available
<b>Other Info:</b>	No data available
<b>Disclaimer:</b>	Allied Oil & Supply, Inc. makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of this product. Since actual use by others is beyond our control, no warranty, expressed or implied, is made by Allied Oil & Supply, Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of this product, nor material designated herein and does not relate to use in combination with any other material or in any process.