

**1. Identification of the Substance/Preparation and of the Company/Undertaking**

**Product identifier**

**Product name** OLYMPUS AW 68

**Other means of identification**

**Product code** GHSRDO0101  
**Synonyms** Not applicable

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

**Recommended Use** Metalworking fluid, industrial lubricant.  
**Uses advised against**

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

<b>Supplier Address</b>	<b>Manufacturer Address</b>
W.S.Dodge Oil Co., Inc.	W.S.Dodge Oil Co., Inc.
3710 Fruitland Ave.	3710 Fruitland Ave.
Maywood, CA 90270-2110	Maywood, CA 90270-2110

**Emergency telephone number**

**Company Phone Number** 323-583-3478, Monday to Friday, 7:00 AM to 6:00 PM, Pacific time  
**Emergency telephone** Chemtrec 1-800-424-9300

**2. Hazards Identification**

**Classification**

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Label Elements**

<b>Appearance</b>	Amber liquid
<b>Physical State</b>	Liquid
<b>Odor</b>	Mild

**Precautionary Statements - Disposal**

In accordance with local and national regulations

**Hazards not otherwise classified** None

**(HNOC)**

**Other Hazards** None

**Unknown acute toxicity** Not applicable

**3. Composition/information on Ingredients**

Chemical Name	CAS No	Weight %
Residual oils (petroleum), solvent-dewaxed	64742-62-7	0 - 98
Proprietary Additives	PROPRIETARY	1 -2
lubricating oils, petroleum, hydrotreated, spent	64742-58-1	0 - 98

The specific identity and exact concentration of any included proprietary additive(s) is withheld as a trade secret.

#### 4. First aid measures

##### FIRST AID MEASURES

<b>Eye Contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Skin contact</b>	Wash with soap and plenty of water. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove to fresh air. If symptoms persist, call a physician.
<b>Ingestion</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

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

**Symptoms** Not applicable.

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

**Note to physicians** Treat symptomatically.

#### 5. Fire-fighting measures

<b><u>Suitable Extinguishing Media</u></b>	Foam, water fog, dry chemical, CO2.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b><u>Specific hazards arising from the chemical</u></b>	Closed containers of this material may explode when subjected to heat from surrounding fire.
<b>Hazardous combustion products</b>	Carbon oxides.
<b><u>Explosion data</u></b>	
<b>Sensitivity to Mechanical Impact</b>	Not applicable.
<b>Sensitivity to Static Discharge</b>	Not applicable.
<b><u>Special protective actions for fire-fighters</u></b>	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** Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Use appropriate safety equipment.

##### Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

##### Methods and material for containment and cleaning up

**Methods for Containment** Dike far ahead of liquid spill for later disposal. Prevent entry into waterways, sewers, basements or confined areas.

**Methods for cleaning up** Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Check with local, state, and federal authorities as to disposal.

#### 7. Handling and Storage

##### Precautions for safe handling

**Advice on safe handling** Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. High pressure skin injection is a medical emergency. The injury will not appear serious at first but within a few hours, the affected tissue will appear swollen, discolored and extremely painful. Follow all SDS/label precautions even after container is emptied because it may contain product residue. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists.

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

**Storage Conditions** NFPA Class IIIB storage. Combustible liquid. Flash point is greater than 200oF (93.3oC). 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.

**Incompatible materials** Do not store near extreme heat or strong oxidizing materials.

**8. Exposure Controls/Personal Protection**

**Control parameters**

**Exposure guidelines** Exposure limits for purified mineral oil as mist: US-ACGIH reports: TWA-5 mg/m<sup>3</sup> and STEL-10 mg/m<sup>3</sup>; US-OSHA PEL 5 mg/m<sup>3</sup>.

**Appropriate engineering controls**

**Engineering controls** As with all industrial products, use of good industrial hygiene practices is recommended. Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

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

**Eye/face Protection** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection** Wear protective gloves and protective clothing.

**Respiratory protection** Respiratory protection is not usually needed unless product is heated or misted. 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.

**General hygiene considerations** Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling.

**9. Physical and Chemical Properties**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Amber liquid	<b>Odor threshold</b>	No data available
<b>Color</b>	Amber		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
<b>pH</b>	No data available	
<b>Melting point/freezing point</b>	No data available	
<b>Boiling point / boiling range</b>	No data available	
<b>Flash Point</b>	No data available	
<b>Evaporation Rate</b>	No data available	
<b>Flammability (solid, gas)</b>	No data available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit:</b>	No data available	

<b>Lower flammability limit:</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Specific gravity</b>	0.85850
<b>Water solubility</b>	Insoluble in water
<b>Solubility in other solvents</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition Temperature</b>	371°C (700°F) [ASTM D2155]
<b>Decomposition temperature</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Dynamic viscosity</b>	No data available

**Other Information**

<b>Density</b>	No data available
<b>VOC content (grams/liter)</b>	1.00 Super compliant per Rule 1144

## 10. Stability and Reactivity

**Reactivity** Not applicable.

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Do not store near extreme heat or strong oxidizing materials.
<b>Hazardous Decomposition Products</b>	Carbon monoxide, Carbon dioxide from burning.

## 11. Toxicological Information

**Information on likely routes of exposure**

<b>Product Information</b>	Not applicable
<b>Inhalation</b>	This product is not classified as acutely toxic by inhalation.
<b>Eye Contact</b>	This product is not classified as an eye irritant.
<b>Skin contact</b>	This product is not classified as acutely toxic by the dermal route.
<b>Ingestion</b>	This product is not classified as acutely toxic by the oral route.

**Information on toxicological effects**

**Symptoms** No information available.

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

<b>Sensitization</b>	Not classified; based on data on components.
<b>Germ cell mutagenicity</b>	Not classified; based on data on components.
<b>Carcinogenicity</b>	None of the components of this product are classified as a carcinogenic.
<b>Reproductive toxicity</b>	This product does not contain any known or suspected reproductive hazards.
<b>STOT - single exposure</b>	None of the components of this product are classified as specific organ toxicants for a single exposure.
<b>STOT - repeated exposure</b>	None of the components of this product are classified as specific organ toxicants for repeated exposure.
<b>Aspiration hazard</b>	This product is not considered to present an aspiration hazard based on its physical properties and chemical composition.

**Numerical measures of toxicity - Product Information**

## 12. Ecological Information

**Persistence and degradability** No information available

**Bioaccumulation** Not determined

**Other adverse effects** Not determined

### 13. Disposal Considerations

#### **Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

### 14. Transport Information

**DOT** Not regulated

**TDG** Not regulated

**MEX** Not regulated

**ICAO (air)** Not determined

**IATA** Not regulated

**IMDG** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ADN** Not determined

### 15. Regulatory information

#### **International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Not determined
<b>ENCS</b>	Not determined
<b>IECSC</b>	Not determined
<b>KECL</b>	Not determined
<b>PICCS</b>	Not determined
<b>AICS</b>	Not determined

#### **Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

#### **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**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**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 is not known to contain any Proposition 65 chemicals

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

**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

**16. Other information**

**NFPA**                      Health hazards 0                      Flammability 1                      Instability 0                      Physical and chemical properties -



**HMIS**                      Health hazards 0                      Flammability 1                      Physical hazards 0

Personal Protection B

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Revision note  
 Not applicable

**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**