

Safety Data Sheet



**Section 1: Identification**

**Product identifier**

**Product Name** HascoHydraulicAW32

**Relevant identified uses of the substance or mixture**

**Recommended use** Hydraulic Fluid

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

**Manufacturer** Hasco Oil Company Inc.  
2800 Temple Ave  
Long Beach, CA 90806  
United States  
www.hascooil.com

**Telephone(General)** (562) 595-8491

**Emergency telephone number** (800) 424-9300 - Chemtrec USA

**Section 2: Hazard Identification**

**UN GHS**

According to: UN Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

**Classification of the substance or mixture**

**UN GHS** Not hazardous according to classification criteria.

**Label elements**

**UN GHS** None needed according to classification criteria

**Precautionary statements**

**Prevention** None needed according to classification criteria.

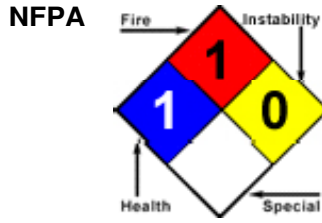
**Response** None needed according to classification criteria.

**Storage/Disposal** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Other hazards**

**UN GHS** No data available

**Other information**



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

**Substances**

**Mixtures**

Composition		
Chemical Name	Identifiers	%
Hydrotreated spent lubricating (petroleum) oils	CAS:64742-58-1	> 98%

**Section 4: First-Aid Measures**

**Description of first aid measures**

- Inhalation** Get medical attention if symptoms occur. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Skin** Get medical attention if symptoms occur. Wash skin with soap and water.
- Eye** Get medical attention if symptoms occur. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Ingestion** If ingested, call control center or doctor immediately for treatment advice.

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

No data available

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

**Section 5: Fire-Fighting Measures**

**Extinguishing media**

- Suitable Extinguishing Media** Use an extinguishing agent suitable for surrounding fire. Use dry chemical, CO2, water spray (fog) or foam.
- Unsuitable Extinguishing Media** Do not use water jet.
- Firefighting Procedures** No actions shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special hazards arising from the substance or mixture**

- Unusual Fire and Explosion Hazards** Negligible fire hazard.

**Hazardous Combustion Products**

Combustion products may include the following: metal oxide/oxides, carbon oxides (carbon monoxide, carbon dioxide)

**Advice for firefighters**

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

**Section 6 - Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

Wear personal protective clothing and equipment.

**Emergency Procedures**

Keep unauthorized personnel away. Ventilate closed spaces before entering. Eliminate all ignition sources. As an immediate precautionary measure, isolate spill or leak area in all directions. Stop leak if you can do it without risk.

**Environmental precautions**

No data available

**Methods and material for containment and cleaning up**

**Containment/Clean-up Measures**

**LARGE SPILL:** Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.  
**SMALL SPILL:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Section 7 - Handling and Storage**

**Precautions for safe handling**

**Handling**

Avoid contact with heat and ignition sources. Avoid contact with skin and clothing. Avoid contact with eyes. Use only with adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable. Wash thoroughly after handling.

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

**Storage**

Store in accordance with local regulations. Store away from direct sunlight in a dry, cool and well ventilated area, away from incompatible materials (see section 10). Keep container tightly closed and sealed until ready for use. 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**

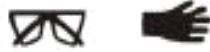
**Exposure controls**

**Engineering Measures/Controls**

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Personal Protective Equipment**

**Pictograms**



<b>Respiratory</b>	Use only in adequate ventilation. In accordance with good industrial hygiene and safety work practices, airborne exposures should be controlled to the lowest extent practicable.
<b>Eye/Face</b>	Avoid contact with eyes. Wear chemical splash safety goggles.
<b>Hands</b>	Wear appropriate gloves.
<b>Skin/Body</b>	Avoid contact with skin and clothing. Wear suitable protective clothing.
<b>General Industrial Hygiene Considerations</b>	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.
<b>Environmental Exposure Controls</b>	No data available

**Section 9 - Physical and Chemical Properties**

**Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Liquid	Appearance/Description	Liquid
Color	Clear Amber.	Odor	Mild.
Taste	Not relevant	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	Not relevant	Physical and Chemical Properties	Not relevant
<b>General Properties</b>			
Boiling Point	No Data Available	Melting Point	No Data Available
Decomposition Temperature	No Data Available	Heat of Decomposition	No Data Available
pH	Not relevant	Specific Gravity/Relative Density	0.865 @ 100 F(37.7C)
Density	No Data Available	Bulk Density	No Data Available
Water Solubility	Insoluble	Solvent Solubility	Soluble
Viscosity	~ 165 SUS @ 100F (37.7C)	Explosive Properties	No Data Available
Oxidizing Properties:	No Data Available		
<b>Volatility</b>			
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		
<b>Flammability</b>			
Flash Point	330 F (COC)	UEL	No Data Available
LEL	No Data Available	Flame Duration	No Data Available
Heat of Combustion (ΔHc)	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)	No Data Available
<b>Environmental</b>			
Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of water/oil distribution	Not relevant	Bioaccumulation Factor	Not relevant

Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant
Chemical Oxygen Demand	Not relevant	Persistence	Not relevant
Degradation	Not relevant		

## Section 10: Stability and Reactivity

### Reactivity

No dangerous reaction known under conditions of normal use.

### Chemical stability

Stable

### Possibility of hazardous reactions

Hazardous polymerization will not occur.

### Conditions to avoid

Oxidizing agents.

### Incompatible materials

This product may react with strong oxidizing agents.

### 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	UN GHS•
Aspiration Hazard	UN GHS•
Carcinogenicity	UN GHS•
Germ Cell Mutagenicity	UN GHS•
Skin corrosion/Irritation	UN GHS•
Skin sensitization	UN GHS•
STOT-RE	UN GHS•
STOT-SE	UN GHS•
Toxicity for Reproduction	UN GHS•
Respiratory sensitization	UN GHS•
Serious eye damage/Irritation	UN GHS•

### Medical Conditions Aggravated by Exposure Potential Health Effects

Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

### Inhalation

#### Acute (Immediate)

No data available

<b>Chronic (Delayed)</b>	No data available
<b>Skin</b>	
<b>Acute (Immediate)</b>	Prolonged or repeated contact can defat skin and lead to irritation and/or dermatitis.
<b>Chronic (Delayed)</b>	No data available
<b>Eye</b>	
<b>Acute (Immediate)</b>	May cause irritation.
<b>Chronic (Delayed)</b>	No data available
<b>Ingestion</b>	
<b>Acute (Immediate)</b>	May be harmful. May cause irritation.
<b>Chronic (Delayed)</b>	No data available

## Section 12 - Ecological Information

### Toxicity

Data lacking.

### Persistence and degradability

No data available.

### Bioaccumulative potential

No data available.

### Mobility in Soil

No data available.

### Other adverse effects

**Ecological Fate** No data available.

## Section 13 - Disposal Considerations

### Waste treatment methods

**Product waste** Avoid contact of spilled material with soil and surface waterways. Consult an environmental professional to determine if local, regional or national regulations would classify spilled or contaminated materials as hazardous waste. Use only approved transporters, recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.

**Packaging waste** Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	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**

## Section 15 - Regulatory Information

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

**SARA Hazard Classifications** No data available

**TSCA Inventory:** All the components of this product are listed on, or are automatically included as 'natural occurring chemical substances on, or are exempted from the requirements to be listed on the TSCA inventory.

### Other Information:

**CALIFORNIA PROPOSITION 65:** This product does not contain a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

This product contains materials on the New Jersey Worker and Community Right-to-Know Act  
 This product contains materials on the Massachusetts Right-to-Know Act substance list.  
 This product contains materials on the Pennsylvania Right-to-Know Act hazardous substance list.

## Section 16 - Other Information

**Last Revision Date** May 20, 2015

**Preparation Date** May 20, 2015

**Disclaimer/Statement of Liability**

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