

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name HascoHydraulicAW46

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.

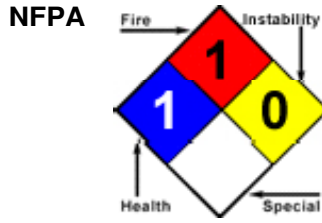
Response None needed according to classification criteria.

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	➤ 94%

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



Respiratory

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.

Eye/Face

Avoid contact with eyes. Wear chemical splash safety goggles.

Hands

Wear appropriate gloves.

Skin/Body

Avoid contact with skin and clothing. Wear suitable protective clothing.

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.

Environmental Exposure Controls

No data available

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
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
General Properties			
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	~ 238 SUS @ 100F (37.7C)	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	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
Environmental			
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

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

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 21, 2015

Preparation Date May 21, 2015

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