



# Safety Data Sheet

Product identifier used on the label: Allied Ind. R & O Oil ISO 460  
Stock Number: ALHYD026  
Revision Date: 08-22-2017  
Replaces:

## 1. Identification

Product identifier used on the label: **Allied Ind. R & O Oil ISO 460**  
Stock Number: ALHYD026

Other means of identification:  
Synonyms: No data available

Recommended use of the chemical and restrictions on use:  
Recommended use: Hydraulic 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 International: +01 (703) 527-3887

## 2. Hazard(s) identification

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

GHS Classification: Not classified as hazardous under OSHA

Hazards not otherwise classified: No data available

## 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
Residual oils (petroleum), solvent dewaxed	No data available	64742-62-7	100

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:

Inhalation: This material does not present a hazard if inhaled. Remove individual to

# Safety Data Sheet

Product identifier used on the label: Allied Ind. R & O Oil ISO 460

Stock Number: ALHYD026

Revision Date: 08-22-2017

Replaces:

fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.

**Eye Contact:**

None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.

**Skin Contact:**

Wash with soap and water. Get medical attention if irritation develops or persists.

**Ingestion:**

No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this SDS.

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

None Known

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

No additional first aid information available.

## 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:**

No data available

**Hazardous combustion products:**

Carbon dioxide, Carbon monoxide

**Special protective equipment and precautions for fire-fighters:**

No data available

## 6. Accidental release measures

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

No health affects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

**Methods and materials for containment and cleaning up:**

No special spill clean up considerations. Collect and discard in regular trash.

# Safety Data Sheet

Product identifier used on the label: Allied Ind. R & O Oil ISO 460

Stock Number: ALHYD026

Revision Date: 08-22-2017

Replaces:

## 7. Handling and storage

**Precautions for safe handling:** Mildly irritating material. Avoid unnecessary exposure. No data available

**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:** Strong oxidizing agents

## 8. Exposure controls/personal protection

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
No data available				

**Appropriate engineering controls:** No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.

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

**Respiratory Protection:** No respiratory protection required under normal conditions of use. None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

**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:** No special requirements under normal industrial use.

**Skin protection:** Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** Wear appropriate protective gloves to prevent skin exposure.

**General hygiene conditions:** No data available

## 9. Physical and chemical properties

# Safety Data Sheet

Product identifier used on the label: Allied Ind. R & O Oil ISO 460

Stock Number: ALHYD026

Revision Date: 08-22-2017

Replaces:

---

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

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
Flash Point (°C):	212
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:	0.9
Solubility(ies):	Negligible; 0-1%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition Temperature:	Not determined
Viscosity:	480.5
Volatile organic compound (VOC) content and percentage of volatiles:	0.000000

## 10. Stability and reactivity

### Reactivity:

Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	None expected under standard conditions of storage.
Conditions to avoid (e.g., static	Temperatures above the high flash point of this combustible material in

# Safety Data Sheet

Product identifier used on the label: Allied Ind. R & O Oil ISO 460

Stock Number: ALHYD026

Revision Date: 08-22-2017

Replaces:

**discharge, shock, or vibration):** combination with sparks, open flames, or other sources of ignition.

**Incompatible materials:** Strong oxidizing agents

**Hazardous decomposition products:** No data available

## 11. Toxicological information

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

**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** No data available

**Symptoms related to the physical, chemical and toxicological characteristics:** None Known

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

**Ingestion Toxicity:** Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

**Skin Contact:** Likely to be non-irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis.

**Absorption:** Likely to be practically non-toxic based on animal data.

**Inhalation Toxicity:** Harmful! Can cause systemic damage (see "Target Organs"). Likely to be practically non-toxic based on animal data.

**Eye Contact:** This material is likely to be non-irritating to eyes based on animal data.

**Sensitization:** No data available

**Mutagenicity:** No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

**Carcinogenicity:** None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA.

**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:** No data available

# Safety Data Sheet

Product identifier used on the label: Allied Ind. R & O Oil ISO 460

Stock Number: ALHYD026

Revision Date: 08-22-2017

Replaces:

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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Residual oils (petroleum), solvent dewaxed	OLD50 Rat > 5000 mg/kg	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat 2.18 mg/L

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): No data available

### Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Residual oils (petroleum), solvent dewaxed	64742-62-7	48 HR EC50 DAPHNIA MAGNA > 1000 mg/L	No data available	Aquatic LC50 (96h) > 5000 mg/L

Persistence and degradability: No data available

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): No data available

## 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Spent or discarded material is non-hazardous according to environmental regulations.

# Safety Data Sheet

Product identifier used on the label: Allied Ind. R & O Oil ISO 460

Stock Number: ALHYD026

Revision Date: 08-22-2017

Replaces:

Contaminated packaging: Recycle containers whenever possible.

## 14. Transport information

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

DOT Basic Description: Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

### 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

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)): None.

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

## 15. Regulatory information

### Safety, health and environmental regulations specific for the product in question:

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

# Safety Data Sheet

**Product identifier used on the label:** Allied Ind. R & O Oil ISO 460

**Stock Number:** ALHYD026

**Revision Date:** 08-22-2017

**Replaces:**

**Regulated Components:**

Chemical Name	CAS #	CERCLA	Sara EHS	Sara 313	U.S. HAP
Residual oils (petroleum), solvent dewaxed	64742-62-7	N	N	N	N

Chemical Name	CAS #	California Prop 65 - Cancer	California Prop 65 - Dev. Toxicity	California Prop 65 - Reprod fem	California Prop 65 - Reprod male
Residual oils (petroleum), solvent dewaxed	64742-62-7	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
Residual oils (petroleum), solvent dewaxed	64742-62-7	N	N	N	N	N

<b>16. Other information, including date of preparation or last revision.</b>
---

**SDS Prepared by:** SGOCHENOUR

**Revision Date:** 08-22-2017

**Revision Number:** 10

**Reason for revision:** Activated by Document Formulation Generation

**References:** No data available

**Other Info:** No data available

**Disclaimer:** This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for



# Safety Data Sheet

**Product identifier used on the label:** Allied Ind. R & O Oil ISO 460

**Stock Number:** ALHYD026

**Revision Date:** 08-22-2017

**Replaces:**

---

the use of any product in a manner that might infringe existing patents.  
No warranty is made, either expressed or implied.