

# SAFETY DATA SHEET

## Alkota Cleaning System Crankcase Oil ISO68

Alkota Cleaning System  
P.O Box 288  
Alcester, SD 57001  
Phone: (605) 934-2222



### Section 1. Identification

Product Trade Name: High Pressure Pump Oil  
Part Number: ALKOTA-OIL, ALKOTA-OILCA  
Recommended Use: Crankcase Pump Oil  
Product Name: Commercial Plus ISO 22, 32, 46, 68, 10 MV Hydraulic Oil  
Chemical Name: Lubricating Oil.  
Chemical Family: Hydrocarbon

Transportation Emergency (CHEMTREC): 1-800-424-9300  
Technical Information: 1-651-355- 8443  
SDS Information: 1-651-355-8445

SDS no: 1019-E1A0.4  
Revision Date: 01/25/2015  
Chemical Formula: Mixture

#### Relevant identified uses of the substance or mixture and uses advised against

Lubricating Oil.

### Section 2. Hazards Identification

OSHA/HCS Status: While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910, 1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture: Not classified.

#### GHS label elements

Signal Word: No signal word.

Hazard Statements: No known significant effects or critical hazards.

#### Precautionary statement

General: Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Hazardous Material Information System (U.S.A)	Health: 0	Flammability: 1	Physical hazards: 0
National Fire Protection Association (U.S.A)	Health: 0	Flammability: 1	Instability: 0

### Section 3. Composition/Information on Ingredients

Substance/mixture: Mixture.  
Chemical name: Lubricating oil.  
Other means of identification: Industrial hydraulic fluid.

Ingredient name	%	CAB number
2,6 Di-tert-butylphenol	0.1-1	128-39-2

Any concentration shown as a range is to protect confidentially or is due to batch variation.

There are no additional Ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First Aid Mesasures

#### Description of necessary first aid measures

Eye Contact: If material comes in contact with the eyes, immediately wash the eyes with large amounts of water for 15 minutes, occasionally lifting the lower and upper lids. Get medical attention.

Inhalation: If person breathes in large amounts of material, move the exposed person to fresh air at once, if breathing has stopped, perform artificial respiration, Keep the person warm and at rest. Get medical attention as soon as possible

Skin Contact: If material comes in contact with the skin, wash the contaminated skin with soap and water promptly. If the material penetrates through clothing, remove the clothing and wash the skin with soap and water promptly. If irritation persists after washing, get medical attention immediately.

Ingestion: If material has been swallowed, do not induce vomiting. Get medical attention immediately.

**Most Important symptoms/effects, acute and delayed****Potential acute health effects**

Eye Contact:	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin Contact:	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

**Over-exposure signs/symptoms**

Eye Contact:	Adverse symptoms may include the following: pain or irritation, watering, redness.
Inhalation:	Adverse symptoms may include the following: respiratory tract irritation, coughing.
Skin Contact:	Adverse symptoms may include the following: irritation, redness.
Ingestion:	No known significant effects or critical hazards.

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

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled
Specific treatments:	No specific treatment.
Protection of first-aiders:	No action shall be taken involving any personal risk or without suitable training.

**See toxicological information (Section 11)**


---

## Section 5. Fire-fighting measures

---

**Extinguishing media**

Suitable extinguishing media:	Use water spray to cool fire exposed surfaces and to protect personnel. Foam, dry chemical or water spray (fog) to extinguish fire.
Unsuitable extinguishing media:	None known
Specific hazards arising from chemical:	Toxic fume gases or vapors may evolve on burning
Hazardous thermal decomposition products:	No specific data
Special protective actions for fire-fighters:	When fighting fire wear full turnout gear and self-contained breathing apparatus. Water may cause splattering. Material floats on water.
Special protective equipment for fire-fighters:	Not applicable

---

## Section 6. Accidental release measures

---

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

For non-emergency personnel:	Keep unnecessary and unprotected personnel from entering. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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

Spill:	Contain with dikes or absorbent to prevent migration to sewers/streams. Take up small spill with dry chemical absorbent: large spills may require pump or vacuum prior to absorbent. May require excavation or severely contaminated soil.
--------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

---

## Section 7. Handling and Storage

---

**Precautions for safe handling**

Protective measures:	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate.
Advice on general occupational hygiene:	Eating, drinking and smoking should be prohibited in area where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
Conditions for safe storage, including any incompatibilities:	Do not store above the following temperature: 80°C (175°F). Odorous and toxic fumes may form from the decomposition of this product if stored at excessive temperatures for extended periods of time. Store in accordance with local regulations. Do not store at temperatures exceeding 113°F (45°C). Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None

Appropriate engineering controls: Use only with adequate ventilation.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

#### Individual protection measures

Hygiene measures: 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. Ensure that eyewash stations and safety showers are close to the work station location.

Eye/face protection: Recommended: Splash goggles and a face shield, where splash hazard exists.

Skin Protection

Hand Protection:

4 - 8 hours (breakthrough time); Nitrile gloves,

Body Protection:

Recommended: Long sleeved coveralls.

Other Skin Protection:

Recommended: impervious boots.

Respiratory Protection:

If ventilation is inadequate, use a NIOSH-certified respirator with an organic vapor cartridge and P95 particulate filter.

## Section 9. Physical and chemical properties

### Appearance:

Physical State:	Liquid	Relative density:	0.84 to 0.88
Color:	Amber	Evaporation Rates:	<1 (Ether =1)
Odor:	Mild	Solubility:	Insoluble in the following materials: cold water and hot water
Odor Threshold:	Not available	Solubility in water:	Insoluble
pH:	Not available	Partition coefficient: n-octanol/water	Not available
Melting point:	Not available	Auto-Ignition Temperature:	>260°C (>500°F)
Boiling Point:	Not available	Decomposition: temperature:	Not available
Flash Point:	Closed cup:>200°C (>392°F)	SADT:	Not available
Flammability:	Not available	Viscosity:	Not available
Lower an Upper explosive (flammable) limits:	Not available	Vapor Pressure:	<0.13 kPa (<1 mm Hg) (68°F)
		Vapor density:	Not available

## Section 10. Stability and reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients

Chemical Stability: The products is stable

Possibilityof hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur

Conditions to avoid: No especific data

Incompatible materials: Reactive or incompatible with the following materials: oxidizing materials.

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:

#### Acute toxicity:

Product/Ingredient Name	Result	Species	Dose	Exposure
2,6 Di-tert-butylphenol	LD50 Dermal	Rabbit	>10 g/kg	-
	LD50 Oral	Rat	1320 mg/kg	-

#### Irritation/Corrosion

Product/Ingredient Name	Result	Species	Score	Exposure	Observation
2,6 Di-tert-butylphenol	Skin-Moderate Irritant	Rat	-	0.5 mL.	-

**Sensitization**

Skin: There is not data available  
 Respiratory: There is not data available

**Mutagenicity:**

There is no data available

**Carcinogenicity:**

There is no data available

**Reproductive toxicity:**

There is no data available

**Teratogenicity:**

There is no data available

**Specific target organ toxicity (single exposure)**

There is no data available

**Specific target organ toxicity (repeated exposure)**

There is no data available

**Aspiration Hazard**

There is no data available

Information on the likely routes of Exposure: Dermal Contact. Eye Contact. Inhalation. Ingestion

## Section 12. Ecological Information

---

**Toxicity:**

There is no data available

**Persistence and degradability:**

There is no data available

**Bioaccumulative potential:**

Product/Ingredient Name	LogP	BCF	Potential
2,6 Di-tert-butylphenol	4.5	-	High

**Mobility in Soil**

Soil/water partition coefficient (Koc) : There is no data available  
 Other adverse effects: No known significant effects or critical hazards.

## Section 13. Disposal Considerations

---

Disposal methods: Disposal of this product, solutions and any by-products should comply with requirements of environmental protection and waste disposal and waste disposal legislation and any regional local authority requirements.

## Section 14. Transport Information

---

DOT IDENTIFICATION NUMBER: Not applicable      DOT proper shipping name: Not applicable  
 DOT Hazard Class (es): Not applicable      PG: Not applicable      DOT EMER. RESPONSE GUIDE NO.: Not applicable

## Section 15. Regulatory Information

### U.S Federal Regulations

TSCA 4(a) final test rules: 2-Butenedioic acid (E)-, di-C8-18-alkyl esters  
 TSCA 8(a) PAIR: Siloxanes and Silicones, dl-Me; 2 Butenedioic acid (E)-, dl-C8-18-alkyl esters  
 TSCA 8(a) CDR Exempt/Partial exemption: Not determined  
 United States inventory (TSCA 8b): All components are listed or exempted.  
 Clean Water Act (CWA) 307: Toluene: Zinc O, O, O', O'-tetrakis (1,3-dimethylbutyl) ble(phosphorodithioate)  
 Clean Water Act (CWA) 311: Toluene: Vinyl acetate

Clean Air Section 602 Class I Substances	Not listed	DEA List I Chemicals (Precursor Chemicals)	Not listed
Clean Air Act Section 602 Class II Substances	Not listed	DEA List II Chemicals (Essential Chemicals)	Not listed
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)		Not listed	

### SARA 302/304

#### Composition/Information on Ingredients

Name	%	EHS	SARA 302 TPQ		SARA 304 RQ	
			(lbs)	(gallons)	(lbs)	(gallons)
Vinyl Acetate	0-0.1	Yes	100	129	5000	644.8

**SARA 304 RQ:** 2.777777777.8 lbs / 1281111111.1 kg (387384081.4 gal / 1466408268.7 L)

### SARA 311/312

**Classification:** Not applicable

#### Composition/Information on Ingredients

Name	%	Fire Hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
2,6 Di-tert-butylphenol	0.1-1	No	No	No	Yes	No

**SARA 313:** This product (does/not) contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Known Act of 1986 and of 40 CFR 372

Product Name	CAS Number	%
Not applicable		

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

Massachusetts: The following components are listed: Distillates (petroleum), hydro-tested light naphthenic; Distillates (petroleum), solvent-dewaxed light paraffinic  
 New York: None of the components are listed  
 New Jersey: The following components are listed: Distillates (petroleum), hydro tested light naphthenic; Distillates (petroleum), solvent-dewaxed heavy paraffinic; Distillates (petroleum), solvent-dewaxed light paraffinic  
 Pennsylvania: None of the components are listed  
 California prop. 65: WARNING: This product contains less than 0.1 % of a chemical known in the State of California to cause cancer.  
 WARNING: This product contains less than 1 % of a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient Name	Cancer	Reproductive	No significant risk	Maximum Acceptable dosage level
Toluene	Yes	Yes	No	7000 µg/day (Ingestion)
Vinyl Acetate	No	No	No	13000 µg/day (Inhalation) No

## Section 16. Other Information

**Revision Date:** 01/28/2015

**Supersedes:** 02/03/210

**Revised Sections:** 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16.

**Prepared by:** KMK Regulatory Services Inc.

THE INFORMATION CONTAINED IN THIS SDS REACTS ONLY TO THE SPECIFIC MATERIAL IDENTIFIED. IT DOES NOT COVER USE OF THAT MATERIAL IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PARTICULAR PROCESS, IN COMPLIANCE WITH 29 C.F.R 1910, 1200 (g). HAS PREPARED THIS SDS IN SEGMENTS, WITH THE INTENT THAT THOSE SEGMENTS BE READ TOGETHER AS A WHOLE WITHOUT TEXTUAL OMISSIONS OR ALTERATIONS. BELIEVES THE INFORMATION CONTAINED HEREIN TO BE ACCURATE, BUT MAKES NO REPRESENTATION, GUARANTEE, OR WARRANTY, EXPRESSOR IMPLIED, ABOUT THE ACCURACY, RELIABILITY, OR COMPLETENESS OF THE INFORMATION OR ABOUT THE FITNESS OF CONTENTS HEREIN FOR EITHER GENERAL OR PARTICULAR PURPOSES. PERSONS REVIEWING THIS SDS SHOULD MAKE THEIR OWN DETERMINATION AS TO THE MATERIAL'S SUITABILITY AND COMPLETENESS FOR USE IN THEIR PARTICULAR APPLICATIONS.