

## SASOL® 47 OIL

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

<b>Trade name</b>	SASOL® 47 OIL	
<b>Synonyms</b>	Blend of Paraffinic, Naphthenic Solvent and Normal Paraffins	
<b>Use</b>	Industrial use, Paint and Coatings, Solvent	
<b>Company</b>	Sasol Chemicals (USA) LLC (an affiliate of Sasol Chemicals North America LLC)	
<b>Address</b>	12120 Wickchester Lane Houston TX 77079	
<b>Telephone</b>	CHEMTREC North America Transportation Emergency (24-hr)	(800) 424-9300
	CHEMTREC World Wide	(703) 527-3887
	Other Emergencies (24-hr)	(337) 494-5142
	SDS and Product Information (8:00am-4:30pm CST)	(281) 588-3491
	Health and Safety Information (7:30am-4:00pm CST)	(281) 588-3492
<b>E-mail address</b>	SasolElectronicSDS@us.sasol.com	

### SECTION 2 HAZARDS IDENTIFICATION

**OSHA/GHS Hazards** Aspiration hazard Category 1

#### LABEL ELEMENTS

**Hazard symbols**



**Signal word** Danger

**Hazard statements** H304 May be fatal if swallowed and enters airways.

#### Precautionary statements

**Response** P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.

**Storage** P405 Store locked up.

**Disposal** P501 Dispose of contents/ container to an approved waste disposal plant.

## SASOL® 47 OIL

### SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>CAS-No.</u>	<u>Weight percent</u>
Distillates, petroleum, hydrotreated light	64742-47-8	70 - 90
C14-16 Normal Paraffins	90622-46-1	10 - 30

See Section 8 for Exposure Guidelines and Section 15 for Regulatory Classifications.

### SECTION 4 FIRST AID MEASURES

- Eye contact** Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, consult a specialist.
- Skin contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
- Inhalation** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Call a physician immediately.
- Ingestion** If swallowed, call a poison control centre or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.

### SECTION 5 FIREFIGHTING MEASURES

#### FLAMMABLE PROPERTIES

**Fire/explosion** May be ignited by open flame. NFPA Class IIIB combustible liquid.

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Protective equipment and precautions for firefighters** Wear self-contained breathing apparatus and protective suit. In the event of fire and/or explosion do not breathe fumes.

**Further information** Keep containers and surroundings cool with water spray.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Methods and materials for containment and cleaning up** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

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**SECTION 7 HANDLING AND STORAGE**

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**Safe handling advice** Ensure all equipment is electrically grounded before beginning transfer operations.

**Storage/Transport pressure** Ambient

**Load/Unload temperature** > 0 °F Avoid unneeded heating.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING MEASURES**

Ensure adequate ventilation, especially in confined areas.

**PERSONAL PROTECTIVE EQUIPMENT**

**Eyes** Wear as appropriate:, Goggles, Face-shield

**Skin** Wear suitable protective clothing, gloves and eye/face protection.

**Inhalation** In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Use NIOSH approved respiratory protection.

**EXPOSURE GUIDELINES**

Contains no substances with occupational exposure limit values., The following Sasol internal standard would apply:, 100 ppm (525 mg/m<sup>3</sup>) for 8-hour TWA (Exposure limits for Petroleum Distillate - Stoddard Solvent)

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

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**Appearance** liquid;

**Colour** water-white, oily

**Form** liquid

**Odour** Hydrocarbons

**Odour Threshold** No data available

**Flash point** Average 109 °C, 228 °F; ASTM D 93;

**Flammability** Upper explosion limit: 7.0 %(V)

Lower explosion limit: 0.5 %(V)

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<b>Boiling point/boiling range</b>	242 - 276 °C, 468 - 528 °F; ASTM D-86;
<b>Melting point/range</b>	-22 °C, -7 °F; ASTM D 2386;
<b>Auto-ignition temperature</b>	224 °C, 435 °F; ASTM E 659;
<b>Decomposition temperature</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Vapour pressure</b>	< 0.1 mm Hg @ 20 °C, 68 °F; API Calculation;
<b>Vapour density</b>	6.8
<b>Density</b>	0.811 g/cm <sup>3</sup> @ 15.5 °C, 60 °F; ASTM D-4052;
<b>Specific gravity</b>	No data available
<b>Water solubility</b>	negligible
<b>Viscosity</b>	3.8 cSt @ 20 °C, 68 °F; ASTM D 445;
<b>pH</b>	No data available
<b>Partition coefficient: n-octanol/water</b>	No data available

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**SECTION 10 STABILITY AND REACTIVITY**

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<b>Reactivity</b>	Stable at normal ambient temperature and pressure.
<b>Chemical stability</b>	No decomposition if stored and applied as directed.
<b>Conditions to avoid</b>	Keep away from heat and sources of ignition.
<b>Hazardous decomposition products</b>	None.
<b>Materials to avoid</b>	Oxidizing agents
<b>Hazardous polymerisation</b>	Stable

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**SECTION 11 TOXICOLOGICAL INFORMATION**


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<b>Additional Remarks</b>	Information given is based on data on the components and the toxicology of similar products.
<b>Acute dermal toxicity</b>	LD50 Rabbit: 2,000 - 4,000 mg/kg
<b>Acute inhalation toxicity</b>	LC50: > 0.5 mg/l LC50 Rat (1 hours): > 24.1 mg/l
<b>Acute oral toxicity</b>	LD50 Rat: > 5,000 mg/kg
<b>Skin corrosion/irritation</b>	Primary irritation (Rabbit): 3.7 (Max. score is 8.0.)
<b>Serious eye damage/eye irritation</b>	Primary irritation (Rabbit): 2.7 (Max. score is 110.)
<b>Respiratory or skin sensitisation</b>	No data available
<b>Germ cell mutagenicity</b>	<b>Genotoxicity in vitro:</b> No data available  <b>Genotoxicity in vivo:</b> No data available  <b>Assessment Mutagenicity:</b> No data available
<b>Reproductive toxicity</b>	<b>Reproductive toxicity:</b> No data available  <b>Assessment Reproductive toxicity:</b> No data available  <b>Teratogenicity:</b> No data available  <b>Assessment teratogenicity:</b> No data available
<b>STOT - single exposure</b>	No data available
<b>STOT - repeated exposure</b>	No data available

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**Aspiration toxicity** No data available

**Carcinogenicity** **Assessment carcinogenicity:**  
Contains no ingredient listed as a carcinogen

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**SECTION 12 ECOLOGICAL INFORMATION**

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**Aquatic toxicity** Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. Information given is based on data on the components and the ecotoxicology of similar products.

**Toxicity to fish** LL50 (Pimephales promelas (fathead minnow)) 96 hours  
In the range of water solubility not toxic under test conditions.

**Toxicity to aquatic invertebrates** EL50 (Ceriodaphnia dubia (water flea)) 192 hours  
In the range of water solubility not toxic under test conditions.

**Toxicity to algae** No data available

**Chronic toxicity to fish** No data available

**Chronic toxicity to aquatic invertebrates** No data available

**Biodegradation** Readily biodegradable.  
OECD Test Guideline 301F 74 %  
Test substance: LPA® 210 Solvent

Readily biodegradable.  
OECD Test Guideline 301F 82 %  
Test substance: LINPAR 1417

**Bioaccumulative potential** No data available

**Mobility in soil** No data available

**Other adverse effects** No data available

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**SECTION 13 DISPOSAL CONSIDERATIONS**

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## SASOL® 47 OIL

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**Waste Code** Any unused product or empty containers may be disposed of as non-hazardous in accordance with state and federal requirements. Re-evaluation of the product may be required by the user at the time of disposal, since the product uses, transformations, mixtures, contamination, and spillage may change the classification. If the resulting material is determined to be hazardous, please dispose in accordance with state and federal (40 CFR 262) hazardous waste regulations.

**Disposal methods** Dispose of only in accordance with local, state, and federal regulations.

**Empty containers.** Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, triple-rinsed, properly bunged and promptly returned to a drum reconditioner, or properly disposed.

### SECTION 14 TRANSPORT INFORMATION

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**DOT** not regulated

**IATA** not regulated

**IMDG** not regulated

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

**Remarks** No data available

### SECTION 15 REGULATORY INFORMATION

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#### U.S. FEDERAL REGULATIONS

##### TSCA Inventory Listing

###### Components

Distillates, petroleum, hydrotreated light  
Alkanes, C14-16

###### CAS-No.

64742-47-8  
90622-46-1

##### SARA 302 Status

###### Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

###### CAS-No.

###### Weight percent

##### SARA 311/312 Classification

"Immediate (acute) health hazard"

##### SARA 313 Chemical

###### Components

###### CAS-No.

###### Weight percent

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This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

### US. EPA CERCLA Hazardous Substances (40 CFR 302)

#### Components

none

#### Reportable Quantity

#### Weight percent

### INTERNATIONAL REGULATIONS

#### WHMIS Classification

Aspiration hazard

Category 1

#### European Union

Classification according to Regulation (EU) 1272/2008.

Aspiration hazard, Category 1

Repeated exposure may cause skin dryness or cracking.

#### Australia. Inventory of Chemical Substances (AICS)

Listed

#### Japan. Inventory of Existing and New Chemical Substances (ENCS)

Listed

#### Japan. ISHL - Inventory of Chemical Substances

Listed

#### Canada. Domestic Substances List (DSL) Inventory

Listed

This product or a component is the subject of a Significant New Activity (SNAc) notice under CEPA.

#### Canada. Non-Domestic Substance Listing (NDSL)

Not listed

#### Philippines. Inventory of Chemicals / Chemical Substances (PICCS)

Listed

#### Korea. Existing Chemicals Inventory (KECI)

Listed

#### China. Inventory of Existing Chemical Substances (IECSC)

Listed

#### Mexico

Not listed

#### New Zealand. Inventory of Chemical Substances

Listed

#### Switzerland

Listed

#### Taiwan. National Existing Chemical Inventory (NECI)

Listed

**Please note: The names and CAS numbers which are used for this product in the stated inventories may deviate from the information which is listed in Section 3.**



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**STATE REGULATIONS**

California Prop. 65  
Components  
none

CAS-No.

**SECTION 16 OTHER INFORMATION**

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**HAZARD RATINGS**

	<u>Health</u>	<u>Flammability</u>	<u>Physical Hazard/ Instability</u>
<b>HMIS®</b>	1	1	0
<b>NFPA</b>	1	1	0

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