

**OLSA™90/470**

# MATERIAL SAFETY DATA SHEET

Dated: September 2007

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## SECTION I - CHEMICAL AND COMPANY IDENTIFICATION

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**TRADE NAME:** OLSA™90/470

**TELEPHONE:** (281) 281 587-0900

**FAX:** (281) 281 587-1998

**PRODUCT DESCRIPTION:** Alkylated aryl sulfonic acid.

**GENERAL USES AND PRECAUTIONARY INFORMATION:** Alkylated aryl Sulfonic Acid in a solvent extracted mineral oil for use in the manufacture of oil soluble metallic sulfonates.

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## SECTION II - COMPOSITION, INGREDIENTS

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Alkylated aryl sulfonic acid	90%
Solvent Extracted Mineral Oil	10%

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## SECTION III - PHYSICAL AND CHEMICAL DATA

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**ODOR:** Slight acid

**APPEARANCE:** Brown, viscous liquid

**TYPICAL PROPERTIES:**

FLASH POINT:	>200 F (COC)
VISCOSITY @ 100° C	45 to 100 cSt
Specific Gravity @ 15.6° C	0.98
MOLECULAR WEIGHT	>460

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## SECTION IV - FIRE AND EXPLOSION DATA

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**EXTINGUISHING MEDIA:** Foam, CO2, dry powder

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Low hazard. Material can form flammable mixtures or can burn only upon heating to temperatures at or above the flash point. Toxic gases will form upon combustion.

**SPECIAL FIRE FIGHTING PROCEDURES:** Protective clothing necessary including a NIOSH approved self contained breathing equipment.

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## **SECTION V - REACTIVITY DATA**

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**STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS/ MATERIALS TO AVOID:** Contact with water can lead to formation sulfuric acid.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Oxides of sulfur from combustion.

**INCOMPATIBILITY:** Strong oxidizing agents and alkali.

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## **SECTION VI - HEALTH HAZARD DATA**

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**THRESHOLD LIMIT VALUE:** N/A

**PRIMARY ROUTE OF EXPOSURE UNDER NORMAL USE:** Inhalation / skin

**ACUTE EFFECTS FROM OVEREXPOSURE:** Negligible inhalation hazard at ambient or blending temperatures below 40 deg. C. May cause eye and/or skin irritation. May cause allergic skin reaction.

**CHRONIC EFFECTS FROM OVEREXPOSURE:** May cause permanent skin and eye tissue damage. Corrosive to the mouth, esophagus and stomach.

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Remove to fresh air, seek medical assistance.

**EYE CONTACT:** Flush with water for 15 minutes or until irritation subsides, seek medical assistance.

**SKIN CONTACT:** Remove contaminated clothing and wipe excess off. Wash with soap and water or use a waterless hand cleaner followed by soap and water. If irritation occurs, get medical attention.

**INGESTION:** Do not induce vomiting. Drink water and seek medical attention.

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## **SECTION VII - SPILL OR RELEASE PROCEDURES**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Contain spill to small area. Pick up with absorbent material and transfer to suitable containers. If not contaminated, scoop up for reuse. Use cautious judgment when cleaning up large spills. For large spills, wear respirator and protective clothing. Shut off source of leak if safe to do so. Dike and contain spill. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent material. Flush area with water to remove trace residues, Dispose of all waste materials properly.

**WASTE DISPOSAL METHOD:** Employ contract service. Disposal procedures must be in accordance with Local, State, and Federal Regulations.

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## SECTION VIII - PERSONAL PROTECTION INFORMATION

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**RESPIRATORY PROTECTION:** Wear NIOSH approved respirator where overexposure by inhalation may occur. In accordance with 29 CFR 1910.134, use either an atmosphere supplying respirator or an air purifying respirator for organic vapors and particulates.

**VENTILATION:** Normal protective measures for organics with flash points > 100 deg. C

**PROTECTIVE GLOVES:** Chemical resistant gloves.

**EYE PROTECTION:** Safety eye glasses and face shield.

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## SECTION IX - PRECAUTIONS FOR SAFE HANDLING AND USE

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**HANDLING AND STORAGE:** Keep containers closed when not in use. Store in cool dry place. Protect from moisture. This material is not considered a static accumulator but proper grounding procedures should be followed.

**PERSONAL HYGIENE:** Wash thoroughly before meals and at end of work periods. Launder or dry-clean soiled clothing before reuse.

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## SECTION X - OTHER INFORMATION

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### HAZARD RATINGS

HEALTH - 1

FLAMMABILITY - 1

REACTIVITY - 1

SPECIAL: ACID

### Transportation Information

**Proper Shipping Name:** Alkyl sulfonic acids, liquid with not more than 5% free sulfuric Acid

**Hazard Class:** 8 Corrosive Liquid

**ID Number:** UN2586, PG III ERG 153

**Labels Required:** Corrosive

**Reportable Quantity:** N/A

**Freight Classification:** Petroleum Oil, NOIBN

**Special Transportation Notes:** Container size limited to 5 liters in passenger aircraft or railcars. In cargo aircraft, container size limited to 60 liters.

**Transportation of Dangerous Goods Classification Class:** 8,2586, PGIII



**SOLTEX, INC.**  
**3707 FM 1960 West, Suite 560**  
**Houston, TX 77068**  
**Phone: 281 587-0900 • Fax: 281 587-1998**  
**www.soltexinc.com**

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## **SECTION X - OTHER INFORMATION**

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