

**MATERIAL SAFETY DATA SHEET  
IN ACCORDANCE WITH 91/155/EEC**

Date of issue: 16.11.2008 Rev:0

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**1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY:**

**KULAC SMS 24X/60**

UNITED OIL PROJECTS Co. KSC  
SHUAIBA INDUSTRIAL AREA  
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EMERGENCY NO.

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**2. PRODUCT COMPOSITION / INFORMATION ON INGREDIENTS:**

Solvent base Alkyd Resin with Xylene at 60% solids.

|                    |             |
|--------------------|-------------|
| Xylene % by weight | 40±2        |
| Alkyd resin        | 60±2        |
| Hazard Symbol      | Xn          |
| CAS Number(Xylene) | 1330-20-7   |
| CAS Number(Alkyd)  | 68333-62-0  |
| Risk phrases:      | R10/R22/R36 |

**3. HAZARDS IDENTIFICATION:**

Flammable and harmful liquid. If heated, the product produces toxic vapours, which air-mixed, could develop flammable mixtures.

**4. FIRST AID RECOMMENDATIONS:**

|               |  |
|---------------|--|
| Eye contact:  | Irritating. Wash with plenty of water and obtain medical attention.  |
| Skin contact: | Wash with plenty of water and soap.  |
| Ingestion:    | Small quantities swallowed through the lungs, if the product is ingested, could cause injuries, therefore do not induce vomiting. Seek medical advice. |

**5. FIRE FIGHTING PROCEDURES:**

Extinguishing products: Dry chemical powder/foam. Isolated fire can also be extinguished with atomized water. Spray with water for cooling the exposed surfaces and for personal protection.

**6. ACCIDENTAL RELEASE MEASURES**

Mark the spillage area. Cut down the source of leakage if there is no danger and eliminate ignition sources.

If there is a major spillage, advise the inhabitants in the neighbourhood (wind direction) about the risk of fire and explosion.

Prevent the waste product from entering drains and water ducts. Inform the authorities. Prevent environmental contamination.

**7. HANDLING AND STORAGE:**

Handling: Wear gloves and adequate clothing. If the product is hot while handled, wear appropriate safety mask and goggles.

Storage: Keep the product at room temperature, perfectly closed and stored in well ventilated and dry places.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**

Wear protective clothing, goggles and safety mask. Take off all contaminated clothing.

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**9. PHYSICAL AND CHEMICAL PROPERTIES:**

|                        |   |
|------------------------|---|
| -Appearance:           | Viscous liquid                          |
| -Colour:               | Amber                                   |
| -Odor:                 | Characteristic solvent like             |
| -pH:                   | NA                                      |
| -Boiling point:        | 125°C – 180°C                           |
| -Solidification point: | 0°C                                     |
| -Flash point:          | Approx. 24°C                            |
| -Ignition temperature: | 230°C                                   |
| -Explosive properties: | None                                    |
| -Water solubility:     | Insoluble                               |
| -Density:              | approx. 0.986 g/cm <sup>3</sup> at 25°C |
| -Vapour pressure:      | NA                                      |
| -Vapour density:       | NA                                      |
| -Viscosity:            | Z6 – Z7 Gardner at 25 °C                |

**10. STABILITY AND REACTIVITY:**

Thermal decomposition:  
Hazardous decomposition products: None if handled appropriately.  
Hazardous reactions: None if stored and handled adequately. Avoid strongly oxidant agents.

**11. TOXICOLOGICAL INFORMATION:**

Eye contact: Xylene: Irritating effect  
Skin contact: Xylene: Irritating to skin  
Inhalation: Xylene: Vapours cause respiratory tract and mucous membrane irritation. May affect central nervous system.

**12. ECOLOGICAL INFORMATION:**

Prevent spillage from filter into drains, watercourses or soil, if this occurs, inform the authorities.

**13. DISPOSAL CONSIDERATIONS:**

Disposal must be made in accordance with applicable governmental regulations, and it must be disposed off in a permitted hazardous waste disposal facility. Disposal of drums must be followed in a controlled and regulated way.

**14. TRANSPORT INFORMATION:**

|                                  |            |   |             |
|----------------------------------|------------|---|-------------|
| Road and Rail<br>ADR/TPC-RID/TPF |            | Class: 3<br>Label: 3 Flammable<br>Hazard label: 30    | Item: 31° C |
| Sea<br>IMDG                      | Page: 3379 | Class: 3.3<br>Marine pollutant:<br>Package group: III | UN No. 1866 |
| Air<br>ICAO/IATA                 |            | Class:<br>Package group: III<br>Label: 3 Flammable    | UN No. 1866 |

**15. REGULATORY INFORMATION**

Labeling according to the EEC:  
Hazard symbol: Xn. Harmful  
R PHRASES: 10: Flammable  
22: Harmful if swallowed.  
S. PHRASES: 23: Do not breathe vapors.  
24: Avoid contact with skin  
62: If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

**16. OTHER INFORMATION**

THE INFORMATION CONTAINED IN THIS SAFETY DATA SHEET IS ACCURATE TO THE BEST OF OUR KNOWLEDGE AND THEY ARE NOT MEANT TO GUARANTEE SPECIFIC PROPERTIES OF THE PRODUCT.