



## Xaerus XR 600 SERIES

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### Material Safety Data Sheet

#### SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name in English: XAERUS XR 600-Series  
Synonyms: NONE  
Product Codes: Same  
Supplier: Global Refrigerants (S) Pte Ltd  
Address: No.9 TUAS LINK 1, SINGAPORE 638587  
Website: [www.globalrefrigerants.com.sg](http://www.globalrefrigerants.com.sg)  
Email: [msds@globalrefrigerants.com.sg](mailto:msds@globalrefrigerants.com.sg)  
Telephone: +6568633983  
Telefax: +6568636330  
Emergency Phone: 989-860-7329  
CHEMICAL NAME: TRADE SECRET  
CHEMICAL FAMILY: Hydrotreated Mineral Oil  
CHEMICAL FORMULA: NA  
CAS NUMBER: NA  
  
PRPDUCT USE: INDUSTRIAL LUBRICANT  
PREPARED BY: CHEMICALS BUSINESS GROUP

#### SECTION 2- COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENT NAME	Alkyl Benzene		SARA 313 REPORTABLE
CAS Number:	%WT	% VOL	NA
NA	>99		NA
	PPM	MG/M <sup>3</sup>	
OSHA PEL-TWA:	NA		
OSHA PEL-STEL:	NA		
OSHA PEL-CEILING:	NA		
ACGIH TLV-TWA:	NA		
ACGIH TLV-STEL:	NA		
ACGIH TLV CEILING;	NA		

#### SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This material has no known hazards under applicable laws.

Routes of Entry:

EYES: May cause temporary irritation

SKIN: May cause temporary irritation

INGESTION: May cause NAUSEA. Not expected to be acutely toxic.

INHALATION: Avoid breathing vapor or mist. Prolonged exposure to vapors may Cause headaches or dizziness.

ACUTE HEALTH HAZARDS: NA

CHRONIC HEALTH HAZARDS: NA

MEDICAL CONDITIONS GENERALLY

AGGRAVATED BY EXPOSURE: NA

CARCINOGENICITY OSHA: NA

ACGIH: NA

NTP: NA



IARC: NA  
OTHER: NA

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**SECTION 4 – FIRST AID MEASURES**

**EYES:** Flush eyes with water for at least 15 minutes. Remove contact lenses after 1-2 minutes of flushing. If Irritation develops seek medical attention

**SKIN:** Wash affected area with soap and water

**INGESTION:** If swallowed and symptoms develop seek medical attention

**INHALATION:** Move victim to fresh air. If symptoms persist, seek medical attention.

**NOTES TO PHYSICIAN OR FIRST AID PROVIDER:** NA

**SECTION 5- FIRE-FIGHTING MEASURES**

**FLAMMABLE LIMITS IN AIR (% BY VOLUME)**      **UPPER:**      **NA**  
**LOWER**      **NA**

**FLASH POINT:**

°F                      >302°F  
°C                      >150°C

**METHOD USED:** ASTM D-92

**AUTOIGNITION TEMPERATURE:**

°F                      >644°F  
°C                      >150°C

**NFPA HAZARD CLASSIFICATION:**

**HEALTH:**      **0**      **FLAMMABILITY:** **1**      **REACTIVITY:**      **0**  
**OTHER:**

**HMIS HAZARD CLASSIFICATION:**

**HEALTH:**      **0**      **FLAMMABILITY:** **1**      **REACTIVITY:**      **0**  
**PROTECTION:**

**EXTINGUISHING METHOD:** Dry chemical, CO2, Foam, water spray  
**SPECIAL FIREFIGHTING PROCEDURES:** Self contained breathing apparatus and protective clothing  
**UNUSUAL FIRE AND EXPLOSION HAARDS:** This material may burn, but will not ignite readily. If container is not properly cooled. It can rupture in the heat of a fire.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Fumes, smoke, carbon monoxide , carbon dioxide

**Notes:** Low hazard, liquid can burn upon heating to elevated Temperatures.

**SECTION 6- ACCIDENTAL RELEASE MEASURES:**

**ACCIDENTAL RELEASE MEASURES:** Absorb the material with inert absorbent and dispose of in Accordance with federal, state and local news.

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#### **SECTION 7 – HANDLING AND STORAGE:**

**HANDLING AND STORAGE:** NO Special precautionary measures should be needed under anticipated conditions to use

**OTHER PRECAUTIONS:** NA

**NOTES:** Ground containers when transferring to avoid static discharge

#### **SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION:**

**ENGINEERING CONTROLS:** None Established

**VENTILATION:** Good ventilation typically 10 air changes per minute should be used/

**RESPIRATORY PROTECTION:** If vapour or mist is generated wear a NIOSH/MSHA approved organic vapor/mist respirator

**EYE PROTECTION:** Approved safety glasses or goggles

**SKIN PROTECTION:** Protective clothing to minimize contact, gloves

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** NA

**WORK HYGIENIC GUIDELINES:** Follow standard safe industrial chemical handling practices.

**EXPOSURE GUIDELINES:** NA

#### **SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE:** Clear yellow liquid

**ODOR:** Odorless

**PHYSICAL STATE:** LIQUID

**PH AS SUPPLIED:** NA

**PH (OTHER):** NA

**BOILING POINT:** °F: > 572 °C: > 300

**MELTING POINT:** °F: NM °C:

**FREEZE POINT:** °F: NM °C:

**VAPOR PRESSURE (MM HG:)** mmHg @20° C <0.1

**VAPOR DENSITY (AIR=1)** NM

**SPECIFIC GRAVITY (H2O=1)** 0.87

**EVAPORATION RATE:** NM

**BASIS (=1)**

**SOLUBILITY IN WATER:** NEGLIBLE

**PERCENT SOLIDS BY WEIGHT:** NA



PERCENT VOLATILE: NM  
BY WEIGHT: °F: NM °C:  
BY VOLUME: °F: NM °C:  
VOLATILE ORGANIC COMPOUNDS:  
WITH WATER: LBS/GAL NM  
WITHOUT WATER: LBS/GAL NM  
MOLECULAR WEIGHT NM  
VISCOSITY : 41 – 110 cSt @104°F @40°C:

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#### **SECTION 10- STABILITY AND REACTIVITY:**

STABLE: X UNSTABLE  
STABILITY:  
CONDITIONS TO AVOID (STABILITY) Temperatures above the boiling  
IMCOMPATIBILITY (MATERIALS TO AVOID) Avoid contact with strong oxidizers  
HAZARDOUS DECOMPOSITION OR BY  
PRODUCTS: Combustion FORMS CO<sub>2</sub>, CO, Water  
HAZARDOUS POLYMERIZATION: Will not occur  
CONDITIONS TO AVOID (POLYMERIZATION): NA

#### **SECTION 11- TOXICOLOGICAL INFORMATION:**

TOXICOLOGICAL INFORMATION: Not expected to cause eye irritation  
(DRAIZE) believed to be between 3-5 (Rabbit)  
Moderately irritating to skin (Maximum 8)

#### **SECTION 12- ECOLOGICAL INFORMATION:**

FRESHWATER FISH TOXICITY: Not measured

#### **SECTION 13 - DISPOSAL CONSIDERATIONS:**

WASTE DISPOSAL METHOD: Dispose of in accordance with all federal, state, and local laws.

#### **SECTION 14 - TRANSPORT INFORMATION:**

US DEPARTMENT OF TRANSPORTATION

SHIPPING DESCRIPTION:

HAZARD CLASS: Not regulated  
ID NUMBER: NA  
PACKING GROUP: NA  
LABEL STATEMENT: NA

WATER TRANSPORTATION:

SHIPPING DESCRIPTION:

HAZARD CLASS: NA  
ID NUMBER: NA  
PACKING GROUP: NA  
LABEL STATEMENT:



**AIR TRANSPORTATION:**

**SHIPPING DESCRIPTION:**

**HAZARD CLASS:** NA

**ID NUMBER:** NA

**PACKING GROUP:** NA

**LABEL STATEMENT:** NA

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### **SECTION 15- REGULATORY INFORMATION:**

#### **US FEDERAL REGULATIONS**

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components listed on the TSCA inventory

**CERCLA (COMPREHENSIVE RESPONSE** NA

**COMPENSATION AND LIABILITY ACT):**

**SARA TITLE III (SUPERFUND AMENDMENTS**

**AND REAUTHORISATION ACT):**

**311/312 HAZARD CATEGORIES:** NA

**313 REPORTABLE INGREDIENTS:** NA

**STATE REGULATIONS:**

**INTERNATIONAL REGULATIONS:**

