****** MATERIAL SAFETY DATA SHEET ******

KX1 - Krex Graphite Engine Lubricant

****** SECTION 1 - CHEMICAL PRODUCT AND MANUFACTURER IDENTIFICATION ******

Product Name: KX1New4 - Krex Graphite Oil Treatment
Part Number: KX1New4
Product CAS: (None)
Product Code: KX1New4
Synonyms: KX1New4 - Krex Graphite Oil Treatment

MANUFACTURER IDENTIFICATION
Name: Krex, Inc.
Address: 4400 S. Kildare Blvd.
City: Chicago **State:** IL **Zip:** 60632-4372

For information call: 847-753-9955
Emergency Number: N/A
Emergency Agency: INFOTRAC
Agency Number: 1-800-535-5053
MSDS Effective Date: 7/17/2003
MSDS Supersedes Date: 8/18/2006
Miscellaneous:
Product CAS: Mixture
Brief Description: Engine oil treatment.

****** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ******

Chemical Name	CAS	MIN	MAX
Refined Petroleum Oil	64742-58-1	90	100
Additive Package	(none)	0	10

Miscellaneous:

CHEMICAL NAME	LIMIT VALUES
Additive Package (CAS#:Mixture)	N/A
Refined Petroleum Oil	N/A

****** SECTION 3 - HAZARDS IDENTIFICATION ******

EMERGENCY OVERVIEW:

NFPA: Health: 0 **Fire:** 1 **Reactivity:** 0 **Specific Hazard:** None

HMIS: Health: 0 **Flammability:** 1 **Reactivity:** 0 **PPE:** B

Miscellaneous:
This product does not contain any components above de minimus concentrations that are considered carcinogenic by OSHA, IARC or NTP.
POTENTIAL HEALTH EFFECTS
Target Organs/Primary Route(s) of Entry:

Eye:
Mild irritant.

Skin:
Mild irritant.

Ingestion:
Toxicity is relatively low, there is a risk of aspiration of product into the lungs. On ingestion of large quantities, slight GI discomfort, diarrhea, and headache may occur. Small doses may produce irritation and diarrhea.

Inhalation:
Low risk of inhalation. Mists above TLV may cause chemical pneumonitis.

Miscellaneous:

****** SECTION 4 - FIRST AID MEASURES ******

Eye:
If the product contacts the eyes, immediately wash the eyes with large quantities of room temperature water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately.

Skin:
If the product contacts the skin, promptly wash the contaminated skin with soap and water for at least 15 minutes. If this product penetrates the clothing, promptly remove the clothing and wash the skin with soap and water. Systemic effects may be delayed 18 to 72 hours, therefore keep individual under observation.

Ingestion:
Do not induce vomiting. Get immediate medical assistance.

Inhalation:
Move the exposed person to fresh air at once and call emergency medical care. If breathing has stopped, give artificial respiration. If breathing is difficult, give humidified oxygen.

Notes to Physician:
No data available.

****** SECTION 5 - FIRE FIGHTING MEASURES ******

Flash Point: 392 F. (200 C.) TCC
AutoIgnition Temperature: N/A
Flammable Limits
Lower Limit: Explosive Limit (LEL): N/A
Upper Limit: Explosive Limit (UEL): N/A
Extinguishing Media:
Use carbon dioxide, dry chemical, foam and/or water fog as extinguishing media.
Unusual Fire and Explosion Hazards:
Water may cause frothing.
Special Fire Fighting Procedures:
None.
General Information:

****** SECTION 6 - ACCIDENTAL RELEASE MEASURES ******

Small Spill: Remove sources of heat or ignition, provide adequate ventilation, contain leak using absorbent, inert, non-combustible material.

Large Spill: Contain spill, transfer to secure containers. In the event of an uncontrolled material release, the user should determine if release is reportable under applicable laws and regulations.

****** SECTION 7 - HANDLING AND STORAGE ******

Handling:
See other sections of MSDS.

Storage:
See other sections of MSDS.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

GENERAL HYGIENE CONSIDERATIONS:
Use normal hygiene practices.
OTHER PRECAUTIONS:
Product is combustible, handle accordingly.
ENGINEERING CONTROLS:
Local Exhaust: Provide local ventilation to maintain exposure levels below recommended exposure limits.

Mechanical (General): In confined spaces, mechanical ventilation may be required.

Special Ventilation: OSHA TWA 5mg/m3 Oil Mist

Other Ventilation: N/A

PERSONAL PROTECTIVE EQUIPMENT
Eyes/face:
Use safety goggles or chemical splash goggles as required.
Skin:
Use oil impervious gloves as required.
Respirators:
Normally none required. If high vapor or mist concentrations are expected, use appropriate NIOSH approved respirator for organic vapors and mists.
Other Protective Clothing/Equipment:
If there is a possibility of exposure of an individual's body to lubricating oil, wear body covering work clothes to avoid prolonged or repeated exposure.

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

Appearance/Odor:
Black, oil type liquid
pH: N/A
Vapor Pressure: (MM HG): 0.1 mm Hg @20 C.
Evaporation Rate: N/A
Boiling Point: 665 F. (352 C.)
Decomposition Temperature: N/A
Specific Gravity: 0.865
Molecular Weight: N/A
Coating Density : 0 Lbs/Gallon
Percent Solvent (volume): 0
Percent Water (volume): 0
Vapor Density(Air=1): GT1.0
Viscosity: N/A
Freezing/Melting Point: N/A
Solubility in Water: Negligible
Molecular Formula: N/A
VOC Coating (minus water): 0 Lbs/Gallon
Solvent Density : 0 Lbs/Gallon
Percent Solids (volume): 0
Percent Volatile by Weight: 0
Miscellaneous:

% Volatile/Volume: Negligible
Percent Solvent (Volume): N/A
Percent Solids (Volume): N/A
Percent Water (Volume): N/A

Product is a combustible liquid. Keep away from heat and flames. Store below 150 F., do not apply high heat or flame to container. Keep separate from strong oxidizing agents. Empty containers may contain product residue which could include flammable or explosive vapors.

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
Stable: Yes
Conditions to Avoid:
Store below 150 F. Do not apply high heat or flame to container. Keep separate from strong oxidizing agents.
Incompatibilities with Other Materials:
Strong oxidants.

Hazardous Decomposition Products:
Carbon dioxide (Carbon monoxide under incomplete combustion).
Hazardous Polymerization:
Hazardous Polymerization May Occur: No

****** SECTION 11 - TOXICOLOGICAL INFORMATION ******

No data available.

****** SECTION 12 - ECOLOGICAL INFORMATION ******

No data available.

****** SECTION 13 - DISPOSAL CONSIDERATIONS ******

Dispose of product in accordance with local, state, and federal regulations. Before attempting clean up, refer to other sections of MSDS for hazard warning information.

****** SECTION 14 - TRANSPORT INFORMATION ******

Transportation Information:
Shipping Information (CFR 49 and IMDG):
Proper Shipping Name: Lubricating Oil, N.O.I.
DOT Hazard Class: None required.
DOT UN Number: None required.
IMDG Shipping Name: Petroleum Lubricating Oil, N.O.I.
Flashpoint: >160 F.

Label Information:
No data available.

****** SECTION 15 - REGULATORY INFORMATION ******

SARA Title III:
Section 302: None
Section 304: None
Section 311: Hazard categories-Fire Hazard-Yes
Section 313: None

CERCLA:

Section 311(b)(4): Requires discharges of crude oil and petroleum products in any kind or form to waters must immediately be reported to the National Response Center at (800) 424-8802.

****** SECTION 16 - ADDITIONAL INFORMATION ******

Disclaimer: Information presented herein is believed to be factual, as it has been derived from the works and opinions of persons believed to be qualified experts. However, nothing contained in this information is to be taken as warranty or representation for which Krex, Inc. bears legal responsibility. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.