FIR No.: 175325 **Level:** 1
Version Number: US-US-3 **Release Date:** 2008-07-16

9. Physical and Chemical Properties

Specific Gravity:	0.85 @15°C
Physical State:	LIQUID
Odor:	MINERAL IL
Color:	BR WN
pH:	N.AV
Temperature Range During which Changes in Physical State Occur:	
Boiling Point:	>280 °C
Flash Point:	218 °C C C
Auto-ignition Temperature:	>320 °C
Explosion Properties:	
UEL:	10 %
LEL:	1 %
Vapor Pressure:	<0.5@20°C Pa
Vapor Density:	>1 (AIR=1)
Solubility:	NEGLIGIBLE IN WATER
Viscosity:	28@40°C cSt
Evaporation Rate:	N.AV

10. Stability and Reactivity

Stability: This is a stable material.

Conditions and aterials to Avoid: This product may react with strong oxidizing agents (bleach--sodium hypochlorite, calcium hypochlorite, hydrogen peroxide, permanganate, nitric acid, concentrated XYGEN, perchlorates).

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other low molecular weight hydrocarbons.

11. Toxicological Information

Chronic (Long Term) Toxicity: Base oil severely refined: Not carcinogenic in animal studies.
Representative material passes IP-346, Modified Ames test, and/or other screening tests.
Continuous long term contact with used motor oil has caused skin cancer in animal tests.
None of this product's components are listed by ACGIH, IARC, SHA, NI SH, or NTP