



I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 00674

PRODUCT NAME: FUEL N RICH SUPREME II**USE:** Multi-purpose Additive for Residual Fuel Oils**SUPPLIER:**

JohnsonDiversey Canada, Inc.
2401 Bristol Circle
Oakville Ontario, L6H 6P1, Canada

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: B3 D2B**CHEMICAL FAMILY:** Petroleum Distillate**TRADE NAME / SYNONYMS:** not applicable**CHEMICAL NAME:** not applicable

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Petroleum distillate	60-100	008008-20-6	LD50 6460 mg/kg	oral/rat
Copper naphthenate	3-7	Mixture	LD50 5000 mg/kg	oral/rat
Isopropylamine dodecylbenzene sulfonate	1-5	026264-05-1	not available	

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:**Gloves:** natural rubber or neoprene**Eye:** safety glasses**Footwear:** not required**Respiratory:** If mists are generated, use NIOSH approved mask**Other:** not required**SPECIAL HANDLING PROCEDURES AND EQUIPMENT:** Avoid eye and skin contact. Do not breathe mist, spray or vapours.**VENTILATION REQUIREMENTS:** Mechanical exhaust**INCOMPATIBILITY (Material to Avoid):** Strong oxidizers, strong acids.**SPILL PROCEDURES:** Ensure adequate ventilation. Eliminate all sources of heat and ignition. Contain the spill. Do not allow the spilled product to go to drain. Mop up or soak up with absorbant clay for disposal.**WASTE DISPOSAL:** Dispose according to municipal, provincial, and federal regulations.**STORAGE / SHIPPING REQUIREMENT:** Store in a cool dry area in a closed container. Keep away from open flame. UN4208N

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: Dark green liquid**S.G. / BULK DENSITY(g/cc):** 0.84**pH:** not applicable**VAPOUR PRESSURE (mmHg):** 0.4 @ 20°C**VAPOUR DENSITY (air=1):** not available**ODOUR THRESHOLD:** not available**BOILING POINT:** 371°C**FREEZING POINT:** not available**PERCENT VOLATILE:** 70%**SOLUBILITY IN WATER:** insoluble**EVAPORATION RATE (water=1):** not available

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:**EYES:** May cause irritation. No serious or irreversible effects expected, if treated promptly.**SKIN:** May cause defatting, drying and cracking of skin.**INGESTION:** May cause irritation of the digestive tract.

INHALATION: May cause irritation of respiratory tract. May cause central nervous system depression. May cause headache, drowsiness and dizziness.	
LD50 (calculated): 5000 mg/kg	LC50 (calculated): not available
OTHER TOXIC EFFECTS: TLV: TWA (Petroleum distillate): 100 mg/mg3 (10 Hr.)	
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: none known	
VI - FIRST AID MEASURES	
EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician. SKIN: Wash affected area thoroughly with soap and water. If irritation develops, contact a physician. INGESTION: Drink large volumes of water or milk. Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately. INHALATION: Remove patient to fresh air. Get medical attention for any breathing difficulty.	
VII - FIRE AND EXPLOSION DATA	
FLAMMABLE: Yes, combustible if heated.	
FLASH POINT, °C: 58°C, (TCC)	AUTO IGNITION TEMPERATURE, °C: N/Ap.
EXTINGUISHING MEDIA: Water ☒ Dry Chemical ☒ Carbon Dioxide ☒ Foam ☒ Other ☐	
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus.	
HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.	
EXPLOSIVE SENSITIVITY TO: not applicable	
VIII - REACTIVITY DATA	
STABILITY: Stable ☒ Unstable ☐	
CONDITIONS TO AVOID: High temperature	
INCOMPATIBILITY (Material to Avoid) : Oxidizing materials, strong alkalies, strong acids.	
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, nitrogen and sulfur..	
REACTIVITY: Not dangerously reactive.	
IX - MSDS PREPARATION	
SOURCES USED: RTECS	PREPARED BY: JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
PREPARATION DATE: April 15, 2003	
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