

GENIUM PUBLISHING CORP -- FUEL OIL NO. 2 -- 9140-00-247-4365

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Product Identification  
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Product ID:FUEL OIL NO. 2  
MSDS Date:11/01/1990  
FSC:9140  
NIIN:00-247-4365  
MSDS Number: BPKLB  
=== Responsible Party ===  
Company Name:GENIUM PUBLISHING CORP  
Address:1145 CATALYN ST  
City:SCHENECTADY  
State:NY  
ZIP:12303-1836  
Country:US  
Info Phone Num:518-377-8854  
Emergency Phone Num:518-377-8854  
CAGE:5Z768

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== Contractor Identification ==  
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Composition/Information on Ingredients  
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Ingred Name:FUEL OIL NO. 2  
CAS:68476-30-2  
RTECS #:LS8930000  
Fraction by Wt: 100%  
Other REC Limits:NONE SPECIFIED

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD50 (RAT) IS 9 G/KG.  
Routes of Entr

y: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES: IRRITATION. SKIN: PROLONGED

CONTACT MAY RESULT IN IRRITATION AND DERMATITIS. INHALATION: MAY RESULT IN EUPHORIA, CARDIAC DYSRHYTHMIAS, RESPIRATORY ARREST, AND CNS TOXICITY. INGESTION: GASTROINTE STINAL IRRITATION, VOMITING, DIARRHEA, CENTRAL NERVOUS SYSTEM DEPRESSION, PROGRESSING TO COMA OR DEATH.

Explanation of Carcinogenicity:NIOSH FINDINGS

SUGGEST "POTENTIAL

OCCUPATIONAL CARCINOGENIC HAZARD EXISTS IN HUMAN EXPOSURE TO DIESEL EXHAUST."

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS.

INHALATION: EUPHORIA, NOSE, THROAT AND RESPIRATORY IRRITATION, DIZZINESS, UNCONSCIOUSNESS. INGESTION: GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, DIA RRHEA, CNS DEPRESSION, COMA, DEATH.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====  
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First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH AREA WITH SOAP AND WATER. IF IRRITATION PERSISTS GET MEDICAL ATTENTION. INHALATION: MOVE TO FRE SH AIR. IF NOT BREATHING GIVE CPR. IF BREATHING DIFFICULT GIVE OXYGEN. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point:100F,38C MIN

Low

er Limits:0.6%

Upper Limits:7.5%

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER FOG OR SPRAY.

Fire Fighting Procedures:DO NOT USE A FORCED WATER SPRAY DIRECTLY ON BURNING OIL SINCE THIS SCATTERS THE FIRE, USE A SMOTHERING TECHNIQUE TO EXTINGUISH FIRE.REMOVE CONTAINERS FROM FIRE.

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG GROUND A LONG DISTANCE TO AN IGNITION SOURCE AND FLASH BACK.

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===== Accidental Release Measu

res =====

Spill Release Procedures:REMOVE IGNITION SOURCES. STOP LEAK. CONTROL SPILL BY DIKING IF POSSIBLE. VENTILATE AREA. KEEP PRODUCT OUT OF SEWERS AND WATERWAYS. ABSORB ON VERMICULITE, SAND, CLAY, EARTH OR OTHER ABSORBENT AND TRANSFER TO HOOD OR SHOVEL INTO CONTAINERS FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS IN

WELL-VENTILLATED AREA AWAY FROM HEAT, IGNITION SOURCES, OXIDIZING AGENTS. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:TO PREVENT STATIC SPARKS, ELECTRICALLY GROUND AND BOND ALL CONTAINERS AND EQUIPMENT USED IN SHIPPING, RECEIVING, OR TRANSFERRING OPERATIONS. USE NON-SPARKING TOOLS AND EXPLOSION-PROOF ELECTRICAL EQUIPMENT. NO SMOKING IN STORAGE OR USE AREA.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF NECESSARY USE A NIOSH-APPROVED RESPIRATOR WITH A MIST FILTER AND ORGANIC VAPOR CARTRIDGE. IN CONFINED AREAS USE FULL FACE MASK EQUIPPED WITH HYDROCARBON VAPOR CANISTER OR SELF-CONTAINED BREATHING APPARATUS.

Ventilation:PROVIDE GENERAL AND LOCAL EXPLOSION PROOF VENTILATION SYSTEMS TO MAINTAIN AIRBORNE CONCENTRATION BELOW APPROVED TLV/PEL.

Protective Gloves:IMPERVIOUS GLOVES TO REDUCE SKIN CONTACT

Eye Protection:SAFETY GLASSES OR SAFETY GOGGLES.

Other Protective Equipment:IF NECESSARY WEAR BOOTS, APRON, AND

GAUNTLETS TO PREVENT SKIN CONTACT. NEVER WEAR CONTACT LENSES IN THE WORK AREA.

Work Hygienic Practices:WASH AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:F4

Boiling Pt:B.P. Text:363F,184C

Spec Gravity:0.8654

Solubility in Water:INSOLUBLE

Appearance and Odor:BROWN, SLIGHTLY VISCOUS LIQUID.

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= Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid: HEAT, SPARKS, FLAMES, IGNITION SOURCES.

Hazardous Decomposition Products: THERMAL DECOMPOSITION YIELDS VARIOUS HYDROCARBON DERIVATIVES, CARBON MONOXIDE, CARBON DIOXIDE, AND SULFUR DIOXIDE.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods: CONTACT YOUR

LOCAL ENVIRONMENTAL OFFICER.

DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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