



**MATERIAL SAFETY DATA SHEET**

**JC 2160 OIL-SOLUBLE INTERMEDIATE**

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**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**  
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FLASHPOINT AND METHOD OF DETERMINATION..... None below 230 deg. F (PMCC)  
LOWER EXPLOSION LIMIT(% BY VOL)..... N/D  
UPPER EXPLOSION LIMIT(% BY VOL)..... N/D  
MEANS OF EXTINGUISHMENT..... Foam, dry chemical, or carbon dioxide. Use water spray to cool fire-exposed containers and disperse vapors.  
FOR FIRE..... Do not enter fire area without proper protective equipment, including NIOSH/MSHA-approved self-contained breathing apparatus. Clear fire area of unprotected personnel. Fight fire from a safe distance. Cool fire-exposed containers with water spray. Keep water run off out of sewers and public water ways.  
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**SECTION V - HEALTH HAZARD DATA**  
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ODOR THRESHOLD..... N/D  
ACUTE OVER EXPOSURE EFFECTS..... PRIMARY ROUTES OF EXPOSURE: skin/eye contact.  
TARGET ORGANS: skin/epithelium, eyes.  
EYES: May be corrosive to the eyes. May cause eye burns and permanent eye injury.  
SKIN: May be corrosive. Skin contact may produce burns. Repeated or prolonged contact may cause dermatitis (inflammation) and defatting of the skin (dryness).  
INGESTION: Not considered a likely route of exposure, however, may be corrosive if swallowed. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonitis, pulmonary edema, and hemorrhaging.  
INHALATION: Not considered a likely route of exposure, however, may be corrosive if inhaled.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Exposure to this product may aggravate medical conditions involving the following: skin/epithelium, eyes.

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SPECIFIC FIRST AID PROCEDURES..... EYES: Immediately flush with plenty of water for at least 15 minutes, retracting lids frequently. If irritation occurs, obtain medical attention.  
SKIN: Remove contaminated clothing and shoes immediately. Wash affected area with soap and mild detergent and large amounts of water until no evidence of chemical remains (approximately 15 - 20 minutes). Obtain immediate medical attention.  
INGESTION: OBTAIN IMMEDIATE MEDICAL ATTENTION. If swallowed, do not induce vomiting unless directed to do so by medical personnel. Wash out mouth with water if person is conscious. Never induce vomiting or give anything by mouth to a victim who is unconscious or having convulsions.  
INHALATION: Remove to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain immediate medical attention.

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**SECTION VI - REACTIVITY DATA**  
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CHEMICAL STABILITY..... Stable  
CONDITIONS OF REACTIVITY. Contact with incompatible materials.  
INCOMPATIBLE MATERIALS... Oxidizing material.  
HAZARDOUS DECOMPOSITION PRODUCTS..... Incomplete combustion byproducts include oxides of carbon, oxides of nitrogen, and oxides of sulfur.  
HAZARDOUS POLYMERIZATION. Will not occur.  
POLYMERIZATION AVOID..... N/A

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**SECTION VII - SPILL OR LEAK PROCEDURE**  
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LEAK AND SPILL PROCEDURES Eliminate all sources of ignition. Wearing appropriate personal protection equipment, shut off leak if safe to do so. Contain by diking with inert material to prevent entering drains, sewers, surface or ground waters, and soil. Using explosion-proof or hand pump, pump into DOT-approved containers. Absorb residues and small spills with inert absorbent and sweep into DOT-approved waste containers.  
WASTE DISPOSAL..... Dispose of in accordance with all applicable local, state, and federal regulations.

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**SECTION VIII - SPECIAL PROTECTION**  
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RESPIRATORY PROTECTION... Respirator use is not expected to be necessary under normal conditions of use. In poorly ventilated areas or in emergency situations, use NIOSH/MSHA-approved full face respirator.

VENTILATION..... Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

PROTECTIVE GLOVES..... Chemical-resistant

EYE PROTECTION..... Chemical safety goggles. Use full face shield if splashes could occur.

OTHER PROTECTIVE EQUIPMENT..... Body-covering clothing such as long sleeves, trousers, and boots are recommended under normal use conditions. If gross exposure is possible, use coveralls. Safety shower, eye wash fountain, and lavatory should be readily available.

HANDLING PROCEDURES AND EQUIPMENT..... Store in tightly closed, properly vented containers in a cool, dry, well ventilated area away from sources of ignition and incompatible materials. "Empty" containers retain hazardous residues and should be handled as though full. Store drums in bung-up position. Protect from physical damage. Avoid inhalation of vapors and personal contact with product.

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**SECTION IX - SPECIAL PRECAUTIONS**  
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HAZARD CLASS..... 8, CORROSIVE

DOT SHIPPING NAME..... CORROSIVE LIQUIDS, BASIC, ORGANIC, NOS (ALKYLARYL SULFONATE), PG III  
Product is a Marine Pollutant.

REPORTABLE QUANTITY (RQ). None

UN NUMBER..... UN #3267

NA #..... N/A

PACKAGING SIZE..... 5 Gallon/55 Gallon

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FOOT NOTES

NFPA CLASSIFICATION: HEALTH: 3  
FLAMMABILITY: 1  
REACTIVITY: 0  
SPECIFIC HAZARD: COR

REFERENCES

----- N O T I C E -----

All information provided in this Material Safety Data Sheet (MSDS) is based upon data obtained from the manufacturer and/or recognized technical sources and is believed to be reliable as of the date hereof. JACAM Chemicals, L.L.C. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness. Conditions of use are beyond JACAM's control and therefore users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular circumstances. Users assume all risks of the use, handling, and disposal of this product, or from the publication or use of, or reliance upon, information contained herein. This MSDS relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process. JACAM knows of no medical condition, other than those noted in this MSDS, which are generally recognized as being aggravated by exposure to this product.

\* \* \* END OF MSDS \* \* \*