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**MATERIAL SAFETY DATA SHEET**

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Revised 2/02/04  
Replaces 8/12/03  
Printed 2/03/04

**ISM-18****MSDS ID: 02467**

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**I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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PRODUCT NAME: ISM-18  
PRODUCT DESCRIPTOR: EMULSION CLEANER  
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145  
3630 E. KEMPER ROAD  
CINCINNATI, OH. 45241

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**II. COMPOSITION/INFORMATION ON INGREDIENTS**

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| INGREDIENT NAME(CAS NUMBER)      | %   | EXPOSURE LIMITS  | UNITS |
|----------------------------------|-----|------------------|-------|
| PETROLEUM DISTILLATE (8008-20-6) | <45 | TLV 400; PEL 400 | PPM   |

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**III. HAZARDS IDENTIFICATION**

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ROUTES OF ENTRY: INHALATION: YES  
SKIN: NO  
INGESTION: YES  
SIGNS AND SYMPTOMS OF EXPOSURE:  
ACUTE: DEFATS SKIN; IRRITATES EYES  
CHRONIC: SAME AS ACUTE  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:  
SENSITIVE SKIN AND EYES

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**IV. FIRST AID MEASURES**

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EYES: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.  
SKIN: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.  
INGESTION: GIVE WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.  
INHALATION: REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION.

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**V. FIRE FIGHTING MEASURES**

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|                                    |                                                                    |           |
|------------------------------------|--------------------------------------------------------------------|-----------|
| FLASH POINT: 142 DEG F             | FLAME EXTENSION: N/A                                               | IN.       |
| FLAMMABLE LIMITS IN AIR BY VOLUME: | LEL: NONE                                                          | UEL: NONE |
| UNUSUAL FIRE OR EXPLOSION HAZARDS: | NONE KNOWN                                                         |           |
| EXTINGUISHING MEDIA:               | CO2, DRY CHEMICALS                                                 |           |
| FIRE FIGHTING INSTRUCTIONS:        | WEAR SELF-CONTAINED BREATHING APPARATUS IN POSITIVE PRESSURE MODE. |           |

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**VI. ACCIDENTAL RELEASE MEASURES**

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IF MATERIAL IS RELEASED OR SPILLED: COLLECT ON FLOOR DRY MATERIAL AND DISPOSE TO SOLID WASTE.

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VII. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY. NO SPECIAL SEPARATION.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE/FACE PROTECTION: FACE SHIELD  
PROTECTIVE GLOVES: SOLVENT RESISTANT  
RESPIRATORY PROTECTION: NONE  
OTHER PROTECTIVE CLOTHING/EQUIPMENT: NONE  
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT (F): 212                      SPECIFIC GRAVITY: 0.9110  
VOLATILE BY VOLUME: 75                      SOLUBILITY IN WATER: >10  
VAPOR PRESSURE (MMHG): N/A                      AT  
APPEARANCE AND ODOR: BROWN LIQUID; PINE ODOR

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: STABLE  
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG OXIDIZERS  
HAZARDOUS DECOMPOSITION PRODUCTS: CO, SO2 WITH INCOMPLETE COMBUSTION.  
HAZARDOUS POLYMERIZATION: NONE

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XI. TOXICOLOGICAL INFORMATION

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NO DATA AVAILABLE

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XII. ECOLOGICAL INFORMATION

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NO DATA AVAILABLE

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XIII. DISPOSAL CONSIDERATIONS

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WASTE DISPOSAL METHOD: USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL. NO PHOSPHATES.

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XIV. TRANSPORT INFORMATION

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HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:  
Please refer to the Bill of Lading/receiving documents for up to date shipping information.

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XV. REGULATORY INFORMATION

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U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:

NONE

LISTED CARCINOGEN: NONE

NTP: NO IARC: NO OSHA: NO

HMIS RATINGS: HEALTH: 2 FIRE: 2 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: D

STATE RIGHT-TO-KNOW INFORMATION:

KEROSENE - CAS #8008-20-6

TALL OIL FATTY ACID, POTASSIUM SALT - CAS #61790-44-1

WATER - CAS #7732-18-5

DODECYL BENZENE SULFONIC ACID - CAS #27176-87-0

ETHOXYLATED ALCOHOL W/3MOLES ETHYLENE OXIDE - CAS #68131-39-5

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XVI. OTHER INFORMATION

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THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.