

DWYER INSTRUMENTS INC. -- RED GAGE OIL -- 6685-00-897-4402

===== Product Identification =====

Product ID:RED GAGE OIL

MSDS Date:05/12/1987

FSC:6685

NIIN:00-897-4402

MSDS Number: BJDWLW

=== Responsible Party ===

Company Name:DWYER INSTRUMENTS INC.

Address:JCT 212 AND US 12

Box:373

City:MICHIGAN CITY

State:IN

ZIP:46360

Country:US

Info Phone Num:219-872-9141

Emergency Phone Num:219-872-9141

CAGE:85274

=== Contractor Identification ===

Company Name:ADCO ENGINEERING SUPPLY CO. INC.

Address:6404 MALLORY DRIVE

Box:City:RICHMOND

State:VA

ZIP:23226

Country:US

Phone:804-264-7149

CAGE:4Y509

Company Name:AMERICAN OVERSEAS INDUSTRIES CORP

Address:RICHMOND INTERNATIONAL AIRPORT

Box:H

City:RICHMOND

State:VA

ZIP:23150

Country:US

CAGE:9S525

Company Name:DWYER INSTRUMENTS INC

Address:JCT 212 AND US 12

Box:373

City:MICHIGAN CITY

State:IN

ZIP:46360

Country:US

Phone:219-872-9141

CAGE:85274

Company Name:ECCO P

ROCESS AND CONTROL EQUIPMENT CORP.

Address:452 PARKWAY

Box:210

City:BROOMALL

State:PA

ZIP:19008-4201

Country:US

Phone:215-353-1000

CAGE:5E756

=====  
===== Composition/Information on Ingredients =====

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES

Other REC Limits:NONE SPECIFIED

OSHA PEL:500 PPM

ACGIH TLV:100 MG/M3

Ingred Name:HYDROTREATED MIDDLE PETROLEUM DISTILLATE

CAS:64742-46-7

RTECS #:JN9379645

Other REC Limits:NONE SPECIFIED

Ingred Name:HYDROTREATED HEAVY NAPHTHENIC DISTILLATE,  
PETROLEUM

CAS:64742-52-5

RTECS #:PY8035000

Other REC Limits:NONE SPECIFIED

Ingred Name:POLYMERIC ADDITIVE IN OIL (POLY-METHACRYLATE)

Other REC Limits:NONE SPECIFIED

Ingred Name:MINOR ADDITIVES

Other REC Limits:NONE SPECIFIED

Ingred Name:RED DYE

Other REC Limits:NONE SPECIFIED

=====  
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES:

CAN CAUSE SEVERE IRRITATION,  
BLURRED VISION. SKIN: PROLONGED/REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING, AND DERMATITIS. BREATHING: VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION, POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION. SWALLOWING: CAN CAUSE GASTROINTESTINAL IRRITATION AND VOMITING.

Explanation of Carcinogenicity:THE COMPONENTS OF THIS PRODUCT HAVE NOT SHOWN ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:SYMPTOMS INCLUDE REDNESS AND TEARING OF EYES,

SKIN IRRITATION, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, VOMITING AND DIARRHEA. ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated by Exposure:PERSONS WITH A SKIN DISORDER SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

=====  
===== First Aid Measures =====

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION

IF IRRITATION PERSISTS. INHALATION: REMOVE TO FRESH AIR & RESTORE BREATHING IF NECESSARY. GET MEDICAL ATTENTION. EYE : IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. INGESTION: GET IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING. NOTHING BY MOUTH IF UNCONSCIOUS.

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

Flash Point Method:TCC

Flash Point:147F,64C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

=====  
===== Accidental Release Measures =====

Spill Release Procedures:MINOR: ABSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT MATERIAL. PLACE IN DISPOSAL CONTAINERS. MAJOR: DIKE & CONTAIN SPILL. ELIMINATE SOURCES OF IGNITION. SHUT OFF LEAKS. REMOVE LIQUID BY VACUUM OR ABSORBENT.

=====  
===== Handling and

Storage =====

Handling and Storage Precautions:STORE IN A COOL, VENTILATED WORK AREA.  
KEEP CONTAINERS CLOSED WHEN NOT IN USE. COMBUSTIBLE LIQUID; EMPTY  
CONTAINERS CAN BE HAZARDOUS.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR. AIR-SUPPLIED  
OR FILTERING TYPE WITH ORGANIC VAPOR CARTRIDGES ARE RECOMMENDED.

Ventilation:LOCAL AND MECHANIC  
AL EXHAUST RECOMMENDED. AVOID OPEN

ELECTRICAL SOURCES NEAR PRODUCT VAPOR AREAS.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:USE CHEMICAL SAFETY GOGGLES

Other Protective Equipment:IMPERVIOUS CLOTHING OR APRON.

Work Hygienic Practices:WASH THOROUGHLY BEFORE EATING OR SMOKING. DO  
NOT EAT, DRINK, OR SMOKE IN WORK AREA.

Supplemental Safety and Health

NONE

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

HCC:V4

Spec Gravity:0.826

Solubility in

Water:NEGLIGIBLE

Appearance and Odor:RED LIQUID WITH SLIGHT ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,  
HYDROGEN FLUORIDE, CHLORINE GAS.

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

Waste Disposal Methods:WASTE MAY BE BURNED IN AN APPROVED INCI

NERATOR

OR DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.