

MERIAM INSTRUMENTS CO., THE -- 100 RED UNITY OIL -- 6685-00-526-5711

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

Product ID:100 RED UNITY OIL

MSDS Date:04/23/1991

FSC:6685

NIIN:00-526-5711

MSDS Number: BPBMQ

=== Responsible Party ===

Company Name:MERIAM INSTRUMENTS CO., THE

Address:10920 MADISON AVE.

City:CLEVELAND

State:OH

ZIP:44102-2526

Country:US

Info Phone Num:216-281-1100

Emergency Phone Num:216-281-1  
100

CAGE:39739

=== Contractor Identification ===

Company Name:MERIAM INSTRUMENT CO, DIV OF THE SCOTT & FETZER CO

Address:10920 MADISON AVE

Box:City:CLEVELAND

State:OH

ZIP:44102-2526

Country:US

Phone:216-281-1100

CAGE:39739

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

Ingred Name:NAPHTALENE, 1-CHLORO/ 1-CHLORONAPHTHALENE

CAS:90-13-1

RTECS #:QJ2100000

Fraction by Wt: 54%

Other REC Limits:NONE SPECIFIED

Ingred Name:2-CHLORONAPHTHALENE (SARA III)

CAS:91-58-7

RTECS #:QJ2275

000  
Fraction by Wt: < 1%  
Other REC Limits:NONE SPECIFIED  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC PETROLEUM DISTILLATES  
CAS:64741-77-1  
Fraction by Wt: 36%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL/PETROLEUM LUBE OIL  
CAS:64742-65-0  
RTECS #:PY8038500  
Fraction by Wt: 9%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:5 MG/M3 AS OIL MIST  
ACGIH TLV:5 MG/M3 AS OIL MIST

Ingred Name:RED DYE  
CAS:98903-68-7  
Fraction  
by Wt: TRACE  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYE:MAY CAUSE MODERATE  
IRRITATION, REDNESS & TEARING.SKIN:MAY CAUSE SLIGHT  
IRRITATION.SEVERE IRRITATION WITH REPEAT/PROLONGED  
CONTACT.INHALATION:MAY CAUSE IRRITATION OF NASAL & RESPIRATORY  
PASSAGE.INGESTION:CAN CAUSE  
GI IRRITATION,NAUSEA,VOMITING &  
DIARRHEA.ASPIRATION CAN BE FATAL.CHRONIC-LIVER & KIDNEY DAMAGE.  
Explanation of Carcinogenicity:NOT RELEVANT  
Effects of Overexposure:MODERATE EYE IRRITATION,REDNESS & TEARING.  
SKIN:MAY CAUSE SLIGHT IRRITATION.SEVERE IRRITATION WITH  
REPEAT/PROLONGED CONTACT.INHALATION:MAY CAUSE IRRITATION OF NASAL &  
RESPIRATORY PASSAGE. INGESTION:CAN CAUSE GI  
IRRITATION,NAUSEA,VOMITING &DIARRHEA.  
Medical Cond Aggravated by Exposure:PREEXISTING SKIN DISORDER MAY

BE  
AGGRAVATED BY THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION.EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES,HOLDING LIDS OPEN.SKIN:WASH WITH SOAP & WATER.  
INHALATION:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED.  
INGESTION:DO NOT INDUCE VOMITING.GET MEDICAL CARE IMMEDIATELY.

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

Flash Point Method:CC  
Flash Point:285F,141C  
Extinguishing Media:CARBON DIOXIDE, POLYMER FOAM, OR DRY CHEMICAL. DO NOT EXTINGUISH WITH WATER.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SELF CONTAINED BREATHING APPARATUS AND OTHER PROTECTIVE EQUIPMENT. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.  
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:ABSORB WITH ABSORBENT MATERIAL. TRANSFER TO CONTAINER FOR PROPER DISPOSAL.

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

Handling and Storage Precautions:STORAGE-STORE IN A COOL,DRY,WELL VENTILATED PLACE.KEEP AWAY FROM HIGH HEAT & FLAMES.  
Other Precautions:THIS PRODUCT IS FOR INDUSTRIAL AND LABORATORY USE ONLY. DO NOT STORE IN OPEN, UNLABELED OR MISLABELED CONTAINERS. KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH EYES AND SKIN.

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

Respiratory Prot

ection:NOT TYPICALLY REQUIRED. IF EXPOSURE EXCEEDS  
PERMISSIBLE EXPOSURE LIMITS,WEAR SELF-CONTAINED BREATHING APPARATUS  
IN COMPLIANCE WITH NIOSH/MSHA SPECIFICATIONS. COMPLY WITH 29CFR  
1910.134.

Ventilation:GENERAL(MECHANICAL)ROOM VENTILATION IS GENERALLY  
SATISFACTORY.LOCAL VENTILATION WHERE VAPORS CAN EXCEED EXPOSURE  
LIMITS.

Protective Gloves:RUBBER OR PLASTIC

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:PROTECTIVE GARMENTS, BOOTS, APRONS, CHEMICAL  
SUI

TS, EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:PRACTICE GOOD HYGIENIC PROCEDURE. WASH  
THOROUGHLY BEFORE EATING OR DRINKING. AVOID BREATHING VAPORS OR  
MISTS.

Supplemental Safety and Health

OBSOLETE MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.  
INFORMATION COPIED FROM ANOTHER MSDS FOR THE SAME OIL WITH A MORE  
CURRENT DATE, COVERING ANOTHER NSN RATHER THAN ENTERING OBSOLET E  
INFORMATION.

===== Physical/Chemical Properties =====  
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HCC:N1

Vapor Pres: