

MERIAM INSTRUMENT CO, DIV OF THE SCOTT & FETZER CO -- 923RU, 100 RED UNITY OIL --  
9160-00-272-8667

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

Product ID:923RU, 100 RED UNITY OIL

MSDS Date:03/17/1999

FSC:9160

NIIN:00-272-8667

Status Code:A

MSDS Number: CLBRS

=== Responsible Party ===

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

Address:10920 MADISON AVE

City:CLEVELAND

State:OH

ZIP:44102-

2526

Country:US

Info Phone Num:216-281-1100

Emergency Phone Num:1-800-424-9300

Resp. Party Other MSDS Num.:A35797-1, REV. J, EO 4697

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:1-CHLORONAPHTHALENE

CAS:90-13-1

RTECS #:QJ2100000

= Wt:54.

OSHA P

EL:NA  
ACGIH TLV:NA

Ingred Name:2-CHLORONAPHTHALENE  
CAS:91-58-7  
RTECS #:OJ2275000  
&lt; Wt:1.  
OSHA PEL:NA  
ACGIH TLV:NA  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ALIPHATIC PETROLEUM DISTILLATE  
CAS:64741-89-5  
RTECS #:PY8041500  
= Wt:36.  
OSHA PEL:5 MG/M3 (MIST)  
ACGIH TLV:5 MG/M3 (MIST)

Ingred Name:PETROLEUM LUBE OIL  
CAS:64742-65-0  
RTECS #:PY8038500  
= Wt:9.  
OSHA PEL:5 MG/M3 (MIST)  
ACGIH TLV:5 MG/M3 (MIST)  
ACGIH STEL:10MG/CUM (MIST)

Ingred Name:RED DYE  
CAS:4477-79-6  
Fraction by Wt: TRACE

OSHA PEL:NE  
ACGIH TLV:NE

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

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: EYE MAY CAUSE MODERATE  
IRRITATION. SKIN: MAY CAUSE SLIGHT IRRITATION. MAY CAUSE SEVERE  
IRRITATION WITH REPEAT OR PROLONGED CONTACT. INGESTION: CAN CAUSE  
GASTROINTESTINAL IRRITATION. INHALATION: MAY CAUSE IRRITATION OF  
NASAL AND RESPIRATORY

PASSAGES. CHRONIC: MAY CAUSE LIVER AND KIDNEY  
DAMAGE. TO THE BEST OF OUR KNOWLEDGE ALL TOXICOLOGICAL PROPERTIES  
HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Explanation of Carcinogenicity:NA

Effects of Overexposure:INGESTION: NAUSEA, VOMITING, AND DIARRHEA.

ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL  
PNEUMONITIS WHICH CAN BE FATAL. EYES: REDNESS AND TEARING

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY MANUFACTURER

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First Aid Measures =

First Aid:EYE: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST  
15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.  
SKIN: REMOVE CONTAMINATED CLOTHING AND WASH WITH SOAP AND WATER.  
IF IRRITATION OCCURS GET MEDICAL ATTENTION. INHALATION: REMOVE  
FROM EXPOSURE. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF  
BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION.  
INGESTION: DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION

IMMEDIATELY

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Fire Fighting Measures =====

Flash Point Method:CC

Flash Point:140.6C, 285.F

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:CO2, DRY CHEMICAL, POLYMER FOAM

Fire Fighting Procedures:DO NOT EXTINGUISH WITH WATER. EVACUATE AREA OF  
ALL UNNECESSARY PERSONNEL. USE NIOSH/MSHA APPROVED SELF-CONTAINED  
BREATHING APPARATUS AND OTHER PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:EMITS TOXIC  
FUMES UNDER FIRE CONDITIONS.

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Accidental Release Measures =====

Spill Release Procedures:ABSORB WITH ABSORBENT MATERIAL. DISPOSE OF  
PROPERLY

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER

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Handling and Storage =====

Handling and Storage Precautions:STORE IN COOL, DRY PLACE WITH ADEQUATE  
VENTILATION. DO NOT STORE IN OPEN, UNLABELED OR MISLABELED  
CONTAINERS.

Other Precautions:THIS PRODUCT IS FOR INDUSTRIAL USE

IAL AND LABORATORY USE

ONLY. KEEP OUT OF REACH OF CHILDREN. KEEP AWAY FROM FLAMES AND HIGH TEMPERATURES.

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

Respiratory Protection:NOT TYPICALLY REQUIRED. IF EXPOSURE EXCEEDS PERMISSIBLE EXPOSURE LIMTES WEAR A SELF CONTAINED BREATHING APPARATUS IN COMPLIANCE WITH NIOSH/MSHA SPECIFICATIONS. COMPLY WITH 29CFR 1910.134

Ventilation:GENERAL(MECHANICAL) ROOM VENTILATION IS GENERALLY SATISFACTORY.

Protective Glov

es:FOR THE BEST PROTECTION WEAR COMPATIBLE CHEMICAL RESISTANT GLOVES.

Eye Protection:WEAR CHEMICAL GOGGLES IF THERE IS LIKELIHOOD OF CONTACT WITH EYES

Other Protective Equipment:BOOTS, APRONS, OR CHEMICAL SUITS SHOULD BE USED WHEN NECESSARY TO PREVENT SKIN CONTACT. EYE WASH FOUNTAINS AND SAFEY SHOWERS SHOULD BE AVAILABLE FOR EMERGENCY USE

Work Hygienic Practices:FOR PERSONAL HYGIENE PROTECTION, WE RECOMMEND THAT EMPLOYEES WASH THOROUGHLY AFTER HANDLING PRODUCT. ALWAYS WASH

UP BEFORE EATING, SMOKING, AND USING TOILET FACILITIES.

Supplemental Safety and Health

NO DATA PROVIDED BY MANUFACTURER

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

HCC:T4

Boiling Pt:=110.6C, 231.F

Melt/Freeze Pt:M.P/F.P Text:NE

Vapor Pres: