

PACIFIC SCIENTIFIC INSTRUMENTS HIAC ROYCO DIV -- CALIBRATION KIT FOR HIAC/ROYCO  
SENSORS, ACFTD IN OIL -- 6635-01-288-8102

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

Product ID:CALIBRATION KIT FOR HIAC/ROYCO SENSORS, ACFTD IN OIL

MSDS Date:10/07/1987

FSC:6635

NIIN:01-288-8102

Status Code:A

Kit Part:Y

MSDS Number: CLNCG

=== Responsible Party ===

Company Name:PACIFIC SCIENTIFIC INSTRUMENTS HIAC ROYCO DIV

Address:481 CALIFORNIA AVE

City:GRANTS PASS

State:OR

ZIP:97526-1909

Country:US

Info Phone Num:641-479-1242 / FAX: 641-479-3057

Emergency Phone Num:641-279-1242

CAGE:15887

=== Contractor Identification ===

Company Name:PACIFIC SCIENTIFIC INSTRUMENTS HIAC ROYCO DIV

Address:481 CALIFORNIA AVE

Box:City:GRANTS PASS

State:OR

ZIP:97526-1909

Country:US

Phone:641-479-1242 / FAX: 641-479-3057

CAGE:15887

Company Name:TRIMAN INDUSTRIES INC

Address:420 COMMERCE LN SUITE 8

Box:City:WEST BERLIN

State:NJ

ZIP:0

8091

Country:US

Phone:856-767-7945 /FAX: 856-767-7154

Contract Num:SP0440-02-M-V013

CAGE:0ZBE8

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

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC DISTILLATE

> Wt:80.

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 OIL MIST

ACGIH TLV:5 MG/M3 OIL MIST

ACGIH STEL:10 MG/M3

Ingred Name:AC FINE TEST DUST

< Wt:1.

Other REC Limits:NONE RECOMMENDED

Ingred Name:OTHER COMPONENTS (TYPE NOT SPECIFIED)

< Wt:20.

Other REC Limits:NONE R

ECOMMENDED

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

LD50 LC50 Mixture:NA

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

Health Hazards Acute and Chronic:EYES: MAY BE IRRITATING TO THE EYES.

SKIN: PROLONGED OR REPEATED CONTACT MAY CAUSE VARIOUS DISORDERS SUCH AS DERMATITIS, FOLLICULITIS, OR OIL ACNE. RELEASE DURING HIGH PRESSURE USAGE MAY RESULT IN INJECTION OF OIL INTO SKIN CAUSING LOCAL NECROSIS. INHALATION: IN HIGH CONCENTRATIONS (ATTAINABLE

AT

HIGH TEMPERATURES), VAPOR IS IRRITATING TO MUCOUS MEMBRANES AND IS ANESTHETIC. INGESTION: LOW ORDER OF TOXICITY, BUT MAY CAUSE GASTROINTESTINAL DISTURBANCES SUCH AS CATHARSIS. ASPIRATION WITH SUBSEQUENT PULMONARY INFILTRATION MAY OCCUR.

Explanation of Carcinogenicity:COMPONENT(S) LISTED AS A CARCINOGEN? NOT LISTED.

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

First Aid:EYES:FLUSH WITH WATER FOR 15 MIN. WHILE HOLDING EYELIDS OPEN. GET MEDICAL

ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING AND WIPE

EXCESS OFF. WASH WITH SOAP AND WATER OR A WATERLESS HAND CLEANER FOLLOWED BY SOAP AND WATER. DO NOT REUSE CLOTHING UNTIL THOROUGHLY CLEANED. GET MEDICAL ATTENTION IF NEEDED. IF MATERIAL IS INJECTED UNDER THE SKIN, GET MEDICAL ATTENTION. INHALATION:REMOVE VICTIM TO FRESH AIR & PROVIDE OXYGEN IF BREATHING IS DIFFICULT. INGESTION:DO NOT INDUCE VOMITING. GIVE 1/2 PINT OF MILK OR WATER. IF VOMITING OCCURS, KEEP HEAD

LOWER THAN HIPS TO PREVENT ASPIRATION. KEEP VICTIM WARM & AT REST. SEEK DOCTOR.

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

Flash Point Method:COC

Flash Point:=-85.C, 185.F

Lower Limits:1%

Upper Limits:7%

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL POWDER, OR FOAM EXTINGUISHER. DO NOT USE WATER JET.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING A NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS

RATUS. COOL FIRE EXPOSED CONTAINERS  
SURROUNDING EQUIPMENT AND STRUCTURES WITH WATER.

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

Spill Release Procedures:TAKE UP WITH DIATOMACEOUS EARTH, CLAY OR OTHER  
INERT ABSORBENT AND PLACE IN CONTAINER FOR LATER DISPOSAL.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE WITH  
ADEQUATE VENTILATION. KEEP AWAY FROM OPEN FLAMES AND HIGH  
TEMPERATURES.

Other Precautions:MINIMIZE SKIN CONTACT. WASH WITH SOAP AND WATER  
BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES.  
LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF  
CONTAMINATED LEATHER ARTICLES, INCLUDING SHOES THAT CANNOT BE  
DECONTAMINATED.

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

Respiratory Protection:NOT ORDINARILY REQUIRED. HOWEVER, IF EXPOSURE  
MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS USE A

NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH  
29 CFR 1910.134 USE EITHER AN ATMOSPHERE SUPPLYING RESPIRATOR OR  
AN AIR-PURIFYING RESPIRATOR FOR ORGANIC VAPORS AND PARTICULATES.

Protective Gloves:USE OIL RESISTANT GLOVES.

Other Protective Equipment:CLOTHING AS NEEDED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practices:WASH WITH SOAP AND WATER BEFORE EATING,  
DRINKING, SMOKING, OR USING TOILET FACILITIES. LAUNDRY CONTAMINATED  
CLOTHING BEFORE REUSE. PROPERLY DISPOSE OF CONTAMINATED LEATHER  
ARTICLES.

Supplemental Safety and Health

PRODUCT-CALIBRATION KIT FOR HIAC/ROYCO SENSORS, ACFTD IN OIL. CHEMICAL  
NAME AND SYNONYMS-HYDRAULIC FLUID MIL-H-5606E. CHEMICAL  
FAMILY-HYDROCARBON.

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

HCC:V4

Boiling Pt:=154.4C, 310.F

B.P. Text:IBP

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

Vapor Pres:NA

Vapor Density:>5 (AIR=1)

Spec Gravity:0.85 (H2O=1)

Evaporation Rate & Reference:NA

Solubility in Water:IN

SOLUBLE

Appearance and Odor:RED CLEAR FLUID, SLIGHT PETROLEUM ODOR

Percent Volatiles by Volume:NA

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:AVOID HEAT, OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED UPON COMBUSTION.

Conditions to Avoid Polymerization:WILL NOT OCCUR

===== Ecological Information =====

Ecological:EPA-CLEAN WATER ACT (CWA). THIS PRODUCT IS CLASSIFIED AN AN OIL UNDER SECTION 311 OF THE CLEAN WATER ACT. SPILLS ENTERING A) SURFACE WATERS OR B) ANY WATER COURSES OR SEWERS ENTERING/LEAVING TO SURFACE WATERS THAT CAUSE A SHEEN MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER. 800-424-8802.

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

Waste Disposal Methods:DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

===== MSDS Transport Information =====

Transport Information:THIS MATERIAL IS CLASSIFIED AS COMBUSTIBLE LIQUID BY D.O.T. REGULATIONS.

===== Regulatory Information =====

SARA Title III Information:THE COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

===== Other Information =====

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