

TELEDYNE ELECTRONIC TECHNOLOGIES/ANALYTICAL INSTS -- C6689 TYPE B-1 (OXYGEN SENSOR) -- 6680-00-171-1394

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

Product ID:C6689 TYPE B-1 (OXYGEN SENSOR)

MSDS Date:04/24/1997

FSC:6680

NIIN:00-171-1394

MSDS Number: BHYHF

=== Responsible Party ===

Company Name:TELEDYNE ELECTRONIC TECHNOLOGIES/ANALYTICAL INSTS

Address:16830 CHESTNUT ST.

Box:1580

City:CITY OF INDUSTRY

State

:CA

ZIP:91749

Country:US

Info Phone Num:818-934-1673 818-934-1592

Emergency Phone Num:818-961-9221

CAGE:KO416

=== Contractor Identification ===

Company Name:REHAN INDUSTRIAL SUPPLY

Address:3400 UNICORN RD SUITE 106

Box:City:BAKERSFIELD

State:CA

ZIP:93308

Country:US

Phone:805-324-4504

CAGE:0CEL0

Company Name:TELEDYNE ELECTRONIC TECHNOLOGIES/ANALYTICAL INSTRUMENTS

Address:16830 CHESTNUT STREET

Box:City:CITY OF INDUSTRY

State:CA

ZIP:91749

Country:US

Phone:818-961-9221

CAGE:21070

Company Name:TELEDY

NE ELECTRONIC TECHNOLOGIES/ANALYTICAL INSTS

Address:16830 CHESTNUT ST.

Box:1580

City:CITY OF INDUSTRY

State:CA

ZIP:91749

Country:US

Phone:818-934-1673 818-934-1592

CAGE:KO416

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

Ingred Name:LEAD (SARA 313) (CERCLA) (3-20 GRAMS)

CAS:7439-92-1

RTECS #:OF7525000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025

ACGIH TLV:0.05MG/M3, A3; 9596

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)(1-5 ML OF
A 10% SOLN[AQ])

CAS:1310-58-3

RTECS #:TT2100000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:**CORROSIVE** THIS SENSOR HAS A
PERMEABLE MEMBRANE ON THE TOP WHICH MAY BREAK,RELEASING THE
POTASSIUM HYDROXID

E SOLUTION.EYES:MAY CAUSE IRRITATION OR
BURNS.SKIN:MAY CAUSE IRRITATION OR BURNS.INGEST:MA Y CAUSE GI TRACT
IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:EXPOSURE
TO LEAD MAY CAUSE BLOOD DISEASES.

Explanation of Carcinogenicity:LEAD IS LISTED AS IARC-2B.

Effects of Overexposure:BURNING SENSATION OR SOAPY,SLIPPERY FEELING.

Medical Cond Aggravated by Exposure:LEAD MAY DAMAGE BLOOD AND BLOOD
FORMING ORGANS,CAUSE HYPERTENSION,DAMAGE KIDNEYS,NERVIOUS AND
REPRODUCTIVE S

SYSTEMS. PERSONS WITH PREEXISTING SKIN AND EYE DISORDERS MAY BE AFFECTED BY ELECTROLYTE

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.GET MEDICAL ATTENTION IF NEEDED.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET IMMEDIATE MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.GET IMMEDIATE MEDICAL ATTENTION.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED

MEDICAL ATTENTION.

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

Flash Point:NONE

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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

Spill Release Procedures:BEFORE OPENING BAG,CHECK THE SENSOR CELL FOR LEAKAGE.IF LEA

KAGE IS SUSPECTED USE PROPER PROTECTIVE

EQUIPMENT.WIPE DOWN AREA SEVERAL TIMES WITH A WET PAPER

TOWEL.CONTAMINATED TOWELS ARE CONSIDERED HAZARDOUS WASTE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED PLACE.KEEP CONTAINER CLOSED WHEN NOT IN USE.KEEP AWAY FROM HEAT AND INCOMPATIBLE MATERIALS.

Other Precautions:AVOID SKIN AND EYE CONTACT WITH THE ELECTROLYTE.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.

Ventilation:USE GENERAL DILUTION VENTILATION.

Protective Gloves:RUBBER.

Eye Protection:CHEMICAL SPLASH GOGGLES/FACE SHIELD.

Other Protective Equipment:RUBBER APRON.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.

Supplemental Safety and

Health
NONE

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

HCC:B3

Appearance and Odor:SMALL SENSOR WITH A PERMEABLE MEMBRANE ON THE TOP.

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

Stability Indicator/Materials to Avoid:YES

ALUMINUM,ORGANIC MATERIALS,ACID

CHLORIDES,ANHYDRIDES,MAGNESIUM,COPPER,ACIDS,HYDROGEN PEROXIDE.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:UNIDENTIFIED TOXIC FUMES.

=====

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.EPA CODE IS D008(POTASSIUM HYDROXIDE) AND IS REGULATED BY DOT AS UN3077,HAZARDOUS WASTE,NOS,(LEAD),CLASS 9.

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 implie

d, 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.