

HORIBA INSTRUMENTS INC -- S-316,CLEANING COMPOUND,100690 -- 6850-01-456-3617

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

Product ID:S-316,CLEANING COMPOUND,100690

MSDS Date:01/01/1997

FSC:6850

NIIN:01-456-3617

Status Code:A

MSDS Number: CHXFL

=== Responsible Party ===

Company Name:HORIBA INSTRUMENTS INC

Address:17671 ARMSTRONG AVE

City:IRVINE

State:CA

ZIP:92614-5727

Country:US

Info Phone Num:949-250-4811

Emergency Phone Num:949-250-4811

CAGE:53595

=== Contractor Identi

fication ===

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

Ingred Name:CHLOROTRIFLUOROETHYLENE TELOMER/POLYCHLOROTRIFLUOROETHYLENE

CAS:9002-83-9

RTECS #:KM6555000

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL) > 52,000 MG/KG

Routes of Entry:

Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS: NONE. ACUTE- NONE.
CHRONIC- NONE.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:NONE

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH
WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP
& WATER. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF
NEEDED. ORAL: CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN
POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:TOXIC GASES MAY BE FORMED.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.
ABSORB ON SAND, VERMICULITE OR USE PUMP. PLACE IN AN APPROPRIATE
CONTAINER FOR DISPOSAL. WASH CONTAMINATED SPILL AREA WITH DETERGENT
AND WATER. DO NOT CONTAMINATE ENVIRONMENT.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE
MATERIALS.
Other Precautions:WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING
AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF
CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES OR ON SKIN.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE
CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-

APPROVED ORGANIC

VAPOR RESPIRATOR MUST BE WORN. A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE.

LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS.

Protective Gloves:LATEX FOR REPEATED/PROLONGED CONTACT

Eye Protection:SAFETY GLASSES/GOGGLES RECOMMENDED

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUS

TRIAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES.

Supplemental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:273F,134C

Vapor Pres:11.5 @ 77F

Spec Gravity:1.75

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR LIQUID - SLIGHT ODOR

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

Stability Indicator/Materials to Avoid:YES

METALS SUCH AS SODIUM, POTASSIUM, ALUMINUM;

AMINES, LIQUID FLUORINE,

LIQUID CHLORINE TRIFLUORIDE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE,

HYDROGEN CHLORIDE, HYDROGEN FLUORIDE, CARBONYL HALIDES, FLUORINE,

CHLORINE MAY BE FORM.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND

FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL

FACILITY. REUSING IS RECOMMENDED.

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