

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  
E  
mergency Phone Num:949-250-4811  
CAGE:53595  
=== Contractor Identification ===  
Company Name:HORIBA INSTRUMENTS INC  
Address:17671 ARMSTRONG AVE  
Box:City:IRVINE  
State:CA  
ZIP:92614-5727  
Country:US  
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CAGE:53595

===== 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 CENTERIMMEDIATELY.

===== 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-A  
PPROVED

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 CONTAM INATE ENVIRONMENT.

Neutraliz

ing 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 MAINT

AIN 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 INDUSTRIAL 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/Ma

terials 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 L

ICENSED WASTE DISPOSAL  
FACILITY. REUSING IS RECOMMENDED.

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