

SENTRY CHEMICAL CO INC -- ECOLINK 2005, CFC-FREE CONTACT CLEANER -- 6850-01-386-8419

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

Product ID:ECOLINK 2005, CFC-FREE CONTACT CLEANER

MSDS Date:10/24/1995

FSC:6850

NIIN:01-386-8419

MSDS Number: BWGPM

=== Responsible Party ===

Company Name:SENTRY CHEMICAL CO INC

Address:1481 ROCK MOUNTAIN BLVD

Box:748

City:STONE MOUNTAIN

State:GA

ZIP:30086

Country:US

Info Phone Num:404-934-4242/FAX -0932/800-877-3339

Emergency Phone Num:404-9

34-4242

CAGE:8S927

=== Contractor Identification ===

Company Name:ECOLINK INC

Address:1481 ROCK MOUNTAIN BLVD

Box:City:STONE MOUNTAIN

State:GA

ZIP:30083-1505

Country:US

Phone:800-886-8240/770-621-8240

CAGE:0WU71

Company Name:SENTRY CHEMICAL CO INC

Address:1481 ROCK MOUNTAIN BLVD

Box:748

City:STONE MOUNTAIN

State:GA

ZIP:30086

Country:US

Phone:770-934-4242

CAGE:8S927

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

Ingred Name:1,1-DICHLORO-1-FLUOROETHANE (SARA 313)

CAS:1717-0

0-6  
RTECS #:KI0997000  
Fraction by Wt: 95%  
Other REC Limits:NONE RECOMMENDED  
Ozone Depleting Chemical:2

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INGESTION-SIMILIAR SYMPTOMS AS FOR  
INHALATION, POSSIBLE DISCOMFORT DUE TO THE VOLATILITY.  
INHALATION-MAY CAUSE CNS DEPRESSION, POSSIBLE CARDIAC ARRHYTHMIA OR  
ASPHYXIATION  
AT HIGH CONCENTRATIONS. EYES- LIQUID CONTACT WILL  
IRRITATE EYES AND MAY CAUSE CONJUNCTIVITIS. SKIN-MAY CAUSE  
IRRITATION AND DEFATTING.  
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT  
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT  
CARCINOGENS.  
Effects of Overexposure:DIZZINESS, LIGHTHEADEDNESS, CARDIAC ARRHYTHMIA,  
EYE IRRITATION, CONJUNCTIVITIS, SKIN IRRITATION, SKIN DEFATTING.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MAN  
UFACTURER.

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

First Aid:INGESTION-DO NOT INDUCE VOMITING. DO NOT GIVE STIMULANTS.  
TAKE IMMEDIATELY TO HOSPITAL OR PHYSICIAN. EYES-IRRIGATE  
IMMEDIATELY WITH WATER FOR AT LEAST 15 MIN. GET MEDICAL ATTENTION  
IF IRRITATION PERSI STS. SKIN-WASH WITH SOAP & WATER. THOROUGHLY  
CLEAN CONTAMINATED CLOTHING/SHOES BEFORE REUSE. INHALATION-REMOVE  
TO FRESH AIR. IF BREATHING IS DIFFICULT GIVE OXYGEN. IF NO  
BREATHING ADM  
INISTER CPR.

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

Flash Point:NONE  
Lower Limits:7.6 %  
Upper Limits:17.7 %  
Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR WATER SPRAY.  
Fire Fighting Procedures:FIRE FIGHTER SHOULD WEAR NIOSH APPROVED  
POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS FOR POSSIBLE  
EXPOSURE TO HYDROCHLORIC & HYDROFLUORIC ACIDS/PHOSGENE  
Unusual Fire/Explosion Hazard:FIRE MAY PRODUCE HAZARDOUS AND/OR TOXIC  
DECOMPOSITION PRODUCTS.

==

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

Spill Release Procedures:DUE TO HIGH VOLATILITY, MATERIAL EVAPORATES QUICKLY. VENTILATE AREA. EVACUATE UNTIL CONCENTRATION IS BELOW TLV OR USE BREATHING APPARATUS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:VAPORS ARE VERY HEAVY & WILL COLLECT IN LOW AREA. OXYGEN WILL BE DISPLACED & ASPHYXIATION COULD RESULT.

Other Precautions:GOOD VENTILATION IS A MUST FOR LOW OR CONFINED AREAS. KEEP THIS AND ALL CHEMICALS OUT OF THE REACH OF CHILDREN.

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

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IF ABOVE TLV.

Ventilation:ADEQUATE TO MAINTAIN VAPOR CONCENTRATIONS BELOW TLV.

Protective Gloves:SOLVENT RESISTANT.

Eye Protection:SAFETY GLASSES & SPLASH PROTECTION.

Other Protective Equipment:AN EMERGENCY EYEWASH AND SHOWER SHOULD BE

AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

TREAT THIS CHEMICAL WITH RESPECT AND FOLLOW ALL MSDS INSTRUCTIONS.

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

HCC:T6

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=32.1C, 89.8F

Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN

Vapor Pres:10.02 MMHG

Vapor Density:4.1

Spec Gravity:1.240

Evaporation Rate & Ref

erence:>1 (ETHER=1)

Solubility in Water:SLIGHT

Appearance and Odor:COLORLESS LIQUID WITH AN ETHERAL AND FAINT SWEETISH ODOR.

Percent Volatiles by Volume:100%

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

Stability Indicator/Materials to Avoid:YES

POWDERED METALS SUCH AS ALUMINUM, MAGNESIUM, CALCIUM AND ZINC. DO NOT STORE IN ALUMINUM CONTAINERS.

Stability Condition to Avoid:SOURCES OF IGNITION SUCH AS SPARKS, HOT SPOTS, WELDING FLAMES AND CIGARETTES.

Hazardous

Decomposition Products: THERMAL DECOMPOSITION MAY PRODUCE  
HALOGEN, HALOGEN ACIDS AND POSSIBLE PHOSGENE.

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

Waste Disposal Methods: ALL USED AND UNUSED PRODUCT SHOULD BE DISPOSED  
OF IN CONFORMANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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 i  
n no manner whatsoever,  
expressly or implied, 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.