

FLUX-OFF NR, C891, C1691, C2491

MSDS Number

BNCFR

National Stock Number

6850-00-602-2347

Product Name

FLUX-OFF NR, C891, C1691, C2491

Manufacturer

CHEMTRONICS INC

Product Identification

Product ID: FLUX-OFF NR, C891, C1691, C2491

MSDS Date: 01/01/1992

FSC: 6850

NIIN: 00-602-2347

MSDS Number: BNCFR

Responsible Party

CHEMTRONICS INC

8125 COBB CENTER DRIVE

KENNESAW , GA 30144

US

Emergency Phone: 404-424-4888

Info Phone: 404-424-4888

Preparer: MICHAEL S. WATKINS

Cage: 2M589

Contractor

CHEMTRONICS INC (CANCELLED USE 21267)

HAUPPAUGE, NY 11760

US

770-424-4888/800-645-5244

Cage: 2M589

Ingredients

1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE (FREON 113) (SARA

CAS: 76-13-1

RTECS: KJ4000000

OSHA PEL1000PPM/1250STEL

ACGIH TLV: 1000PPM/1250STEL9192

METHYLENE CHLORIDE (SARA 313) (CERCLA)

CAS: 75-09-2

RTECS: PA8050000

OSHA PEL500 PPM; Z-2

ACGIH TLV: 50 PPM, A2; 9495

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

CARBON DIOXIDE

CAS: 124-38-9

RTECS: FF6400000

OSHA PEL5000 PPM

ACGIH TLV: 5000PPM/30000STEL;93

Hazards

LD50 LC50 Mixture:ORAL RAT LD50 IS 43 GM/KG LC50=52000PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE:IRRITATION OF

EYES,SKIN,RESPIRATORY OR G.I.TRACTS;CNS EFFECTS LIKE

HEADACHE,DIZZINESS,NAUSEA AND VOMITING. REDNESS OR BURNS OF

EYES/SKIN POSSIBLE. LIQUID EVAPORATES RAPIDLY CREATING THE POSSIBIL

ITY OF FROSTBITE OF SKIN. CHRONIC:DRYINGOF SKIN,DEFATTING OR

DERMATITIS,DAMAGE TO LUNGS,EYES.

Explanation of Carcinogenicity:DATA PER MSDS

Effects of Overexposure:MAY CAUSE IRRITATION OF EYES,SKIN. PROLONGED

REPEATED SKIN CONTACT MAY CAUSE DEFATTING, CRACKING, DERMATITIS.

INHALED: MAY CAUSE HEADACHE,DIZZINESS,NAUSEA,VOMITING INGESTED: G/I

TRACT DISTURBANCES POS SIBLE.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS

OR WITH A PRE-EXISTING DISEASE INVOLVING THE RETINA OR LIVER MAY BE

AT INCREASED RISK FROM EXPOSURE.

First Aid

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:REMOVE
CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE. WASH WITH SOAP &
WATER. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING AS NEEDED.
INGESTED:IMMEDIA TELY GIVE 2 LARGE GLASSES OF MILK OR WATER AND
INDUCE VOMITING. (NOTHING BY MOUTH IF UNCONSCIOUS.) GET IMMEDIATE
MEDICAL CARE. IF ANY IRRITATION PERSISTS OR IS SEVERE, SEE A
DOCTOR.

Fire Fighting

Flash Point Method:TOC

Flash Point:NONE

Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH
MEDIA APPROPRIATE FOR SOURCE OF FIRE.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:CONTENTS UNDER PRESSURE! EXPOSURE TO
TEMPERATURES OVER 130 F MAY RESULT IN RUPTURE OF THE CONTAINER.

Accidental Release

Spill Release Procedures:VENTILATE THE AREA, ELIMINATE IGNITION
SOURCES. COLLECT SPILLED PRODUCTWITH ABSORBENT MATERIAL AND PLACE
IN CLOSED STEEL DRUMS FOR DISPOSAL.

Neutralizing Agent:NOT APPLICABLE.

Handling

Handling and Storage Precautions:STORE BELOW 130 F. CONTENTS UNDER
PRESSURE. DO NOT PUNCTURE OR INCINERATE. DEPRESSURIZE BEFORE
DISPOSAL.

Other Precautions:CONTAINS CHEMICALS SUBJECT TO REPORTING UNDER SECT.
3.3 OF THE EMERGENCY PLANNING COMMUNITY RIGHT TO KNOW ACT.

Exposure Controls

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR

ORGANIC VAPOR IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:AS NEEDED TO COMPLY WITH PEL/TLV.

Protective Gloves:LINED NEOPRENE OR NITRILE

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

Chemical Properties

HCC:V2

Boiling Pt: =39.4C, 103.F

B.P. Text:103F,39C

Vapor Pres:429 MM

Vapor Density:2.8

Spec Gravity:1.48

Evaporation Rate & Reference:Solubility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS,CLEAR LIQUID,FAINT SOLVENT ODOR.

Percent Volatiles by Volume:100.0

Stability

Stability Indicator/Materials to Avoid:YES

ALKALI OR ALKALINE EARTH METALS.POWDERED AL,ZN,BE ETC.

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:HCL,HF AND CARBONYL HALIDES;ALSO CARBON MONOXIDE, CARBON DIOXIDE AND OTHER UNIDENTIFIED COMPONENTS.

Disposal

Waste Disposal Methods:DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER MAKES NO SUGGESTIONS AS TO METHOD OF DISPOSAL. DO NOT PUNCTURE OR INCINERATE AEROSOL CANS.

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