

CROWN NORTH AMERICAN PROFESSIONAL PRODUCTS -- 8009, 8010, 8011, POWER PAK --
4940-00-803-6444

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

Product ID:8009, 8010, 8011, POWER PAK
MSDS Date:12/13/1994
FSC:4940
NIIN:00-803-6444
Status Code:A
MSDS Number: CLHHW
=== Responsible Party ===
Company Name:CROWN NORTH AMERICAN PROFESSIONAL PRODUCTS
Address:1500 MCCONNELL RD
City:WOODSTOCK
State:IL
ZIP:60098-7310
Country:US
Info Phone Num:800-766-7655
Emergency Phone Num:800-766-76
55
Preparer's Name:JOSEPH D. SZUMLAS
CAGE:02HV1
=== Contractor Identification ===
Company Name:CROWN NORTH AMERICAN PROFESSIONAL PRODUCTS
Address:1500 MCCONNELL RD
Box:City:WOODSTOCK
State:IL
ZIP:60098-7310
Country:US
Phone:800-766-7655
CAGE:02HV1

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

Ingred Name:CHLORODIFLUOROMETHANE
CAS:75-45-6
RTECS #:PA6390000
Minumum % Wt:31.
Maxumum % Wt:50.
ACGIH TLV:3540 MG/M3;1000 PPM
Ozone Depleting Chemical:2

Ingred Name:1-CHLORO-1,1-

DIFLUOROETHANE
CAS:75-68-3
RTECS #:KH7650000
Minumum % Wt:51.
Maxumum % Wt:70.
Ozone Depleting Chemical:2

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION: INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL AND MAY CAUSE HEART IRREGULARITIES, UNCONSCIOUSNESS, OR DEATH. INTENTIONAL MISUSE CAN BE FATAL. VAPOR REDUCES OXYGEN AVAILABLE FOR BREATHING AND IS HEAVIER THAN AIR. LIQUID CONTACT CAN CAUSE FROSTBITE. INGESTION: NOT LIKELY, LOW TOXICITY. EYE: MAY CAUSE FROSTBITE IF EXPOSED TO DIRECT SPRAY. SKIN CONTACT: NOT READILY ABSORBED THROUGH THE SKIN. SKIN ABSORPTION: NOT LIKELY IN TOXIC AMOUNTS. TARGET ORGANS: MAY RESULT IN LUNG, KIDNEY AND LIVER DAMAGE.
Explanation of Carcinogenicity:NONE KNOWN
Effects of Overexposure:INHALATION: INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL AND MAY CAUSE HEART IRREGULARITIES, UNCONSCIOUSNESS, OR DEATH. INTENTIONAL MISUSE CAN BE FATAL. VAPOR REDUCES OXYGEN AVAILABLE FOR BREATHING AND IS HEAVIER THAN AIR. LIQUID CONTACT CAN CAUSE FROSTBITE. INGESTION: NOT LIKELY, LOW TOXICITY. EYE: MAY CAUSE FROSTBITE IF EXPOSED TO DIRECT SPRAY. SKIN CONTACT: NOT READILY ABSORBED THROUGH THE SKIN. SKIN ABSORPTION: NOT LIKELY IN TOXIC AMOUNTS.
Medical Cond Aggravated by Exposure:PERSONS WITH CARDIAC ARRHYTHMIA MAY BE AT INCREASED RISK IN SEVERE EXPOSURE. AVOID EPINEPHRINE OR SIMILAR DRUGS.

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

First Aid:CALL A PHYSICIAN OR A POISON CONTROL CENTRE. EYES: FLUSH WITH WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. SKIN: REMOVE ALL CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER. INHALATION: REMOVE FROM EXPOSURE IMMEDIATELY. IF BREATHING IS IRREGULAR OR STOPPED, BEGIN ARTIFICIAL RESPIRATION AND ADMINISTER OXYGEN

N. INGESTION: NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE.

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

Flash Point Method:TCC

Flash Point:NONE

Lower Limits:6.7

Upper Limits:14.9

Extinguishing Media:CARBON DIXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:FIREFIGHTERS SHOULD USE A SELF-CONTAINED
POSITIVE PRESSURE BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:TREAT AS CYLINDERS OF COMPRESSED GAS.

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

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Spill Release Procedures:VENILATE AREA. REMOVE ALL SOURCES OF IGNITION.
CLEAN UP WITH INERT MATERIALS AND DISPOSE OF IN ACCORDANCE WITH ALL
LOCAL, STATE AND FEDERAL REGULATIONS.

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

Handling and Storage Precautions:AEROSOL CONTAINER: DO NOT STORE IN
DIRECT SUNLIGHT, NEAR OPEN FLAMES, OR AT TEMPERATURES EXCEEDING 120
F. DO NOT SMOKE WHILE SPRAYING. USE ONLY AS DIRECTED. INTENTIONAL
MISUSE BY DELIBERATELY
CONCENTRATING VAPORS AND INHALING CONTENTS
CAN BE HARMFUL OR FATAL.

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

Respiratory Protection:RESPIRATORY PROTECTION PROGRAM SHOULD BE IN
ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:LOCAL EXHAUST IS ADEQUATE.

Protective Gloves:POLYETHYLENE OR NEOPRENE.

Eye Protection:SAFETY GLASSES ARE RECOMMENDED.

Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT: SEE 29
CFR 1910.133 & 132.

Work Hygienic Practices:WASH
SKIN WITH SOAP AND WATER.

Supplemental Safety and Health
KIT CONSISTS OF SPRAY DEVICES 6; PROPELLANT CANS 10; PRODUCT JARS
W/LIDS 4; DIP TUBES 20.

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

HCC:V2

Boiling Pt:B.P. Text:NA

Vapor Pres:65-70 PSIG AEROSOL

Vapor Density:>1

Spec Gravity:>1

Evaporation Rate & Reference:>1 (ETHER=1)

Solubility in Water:NEG.

Appearance and Odor:CLEAR, COLORLESS / ETHERAL ODOR.

Percent Volatiles by Volume:100

===== Stabilit

y and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

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

Stability Condition to Avoid: OPEN FLAME AND HIGH TEMPERATURES.

Hazardous Decomposition Products: THERMAL DECOMPOSITION MAY PRODUCE

HYDROCHLORIC AND HYDROFLUORIC ACIDS AND POSSIBLY CARBONYL HALIDES.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: AEROSOL CONTAINERS

DO NOT PUNCTURE OR

INCINERATE. EMPTY CONTAINERS MAY BE DISPOSED OF THROUGH NORMAL CHANNELS. FULL OR PARTIALLY FILLED CONTAINERS ARE CONSIDERED HAZARDOUS WASTE.

===== MSDS Transport Information =====

Transport Information: DOT CLASSIFICATION: AEROSOL, NON-FLAMMABLE, UN1950. LABEL: NON-FLAMMABLE GAS.

===== Regulatory Information =====

SARA Title III Information: THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS

SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF EPCRA (40 CFR 372): CHLOROFLUOROMETHANE (75-45-6) 40%, CHLORODIFLUOROETHANE (75-68-3) 60%.

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

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