

CROWN INDUSTRIAL PRODUCTS CO -- POWER PAK 8009, 8010, 8011 -- 4940-00-803-6444

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

Product ID:POWER PAK 8009, 8010, 8011

MSDS Date:05/13/1992

FSC:4940

NIIN:00-803-6444

Kit Part:Y

MSDS Number: BJMZZ

=== Responsible Party ===

Company Name:CROWN INDUSTRIAL PRODUCTS CO

Address:STATE LINE ROAD

City:HEBRON

State:IL

ZIP:60034

Country:US

Info Phone Num:815-648-2424 / FAX 815-648-4090

Emergency Phone Num:815-648-2424

Preparer's Name:PATRI

CK PASIERB

CAGE:92381

=== Contractor Identification ===

Company Name:CROWN INDUSTRIAL PRODUCTS CO

Address:HWY 47 N

Box:350

City:HEBRON

State:IL

ZIP:60034

Country:US

Phone:815-648-2424

CAGE:92381

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

Ingred Name:CHLORODIFLUOROMETHANE

CAS:75-45-6

RTECS #:PA6390000

Fraction by Wt: 31-50%

OSHA PEL:1000 PPM

ACGIH TLV:1000PPM; 9192

Ozone Depleting Chemical:2

Ingred Name:CHLORODIFLUOROETHANE

CAS:75-68-3

RTECS #:KH7650000

Fraction by Wt

: 51-70%
Other REC Limits:NONE ESTABLISHED
Ozone Depleting Chemical:2

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

LD50 LC50 Mixture:TLV 1000 PPM TWA
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHALATION OF HIGH CONCENTRATIONS OF VAPOR IS HARMFUL AND MAY CAUSE HEART IRREGULARITIES, UNCONSCIOUSNESS OR DEATH. INTENTIONAL MISUSE CAN BE FATAL. LIQUID CONTACT CAN CAUSE FROSTBITE. DIRECT SPRAY IN TO EYES MAY CAUSE FROSTBITE. PROLONGED EXPOSURE ABOVE PERMISSIBLE LIMITS MAY RESULT IN KIDNEY AND LIVER DAMAGE.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.
Effects of Overexposure:HEART IRREGULARITIES, DEATH, FROSTBITE OF EXPOSED TISSUE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid: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. INGESTION: NOT CONSIDERED A POTENTIAL ROUTE OF EXPOSURE. IN ALL CASES, CONTACT A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:NONE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:TREAT AS CYLINDERS OF COMPRESSED GAS. FIREFIGHTERS SHOULD WEAR A SELF-CONTAINED POSITIVE PRESSURE BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:CANS MAY EXPLODE WITH PROJECTILE FORCE IN FIRE.

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

Spill Release Procedures:VENTILATE AREA. R

REMOVE ALL SOURCES OF
IGNITION. CLEAN UP WITH INERT MATERIALS AND DISPOSE OF PROPERLY.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE IN DIRECT SUNLIGHT, NEAR
OPEN FLAMES OR AT TEMPERATURES EXCEEDING 120F. DO NOT SMOKE WHILE
SPRAYING. USE ONLY AS DIRECTED.

Other Precautions:INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING
VAPORS AND INHALING CONTENTS CAN BE HARMFUL OR FATAL.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION
EXPOSURES BELOW PEL (TLV), USE NIOSH/MSHA APPROVED RESPIRATOR AS PER
CURRENT 29 CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH RESPIRATOR
SELECTION.

Ventilation:LOCAL EXHAUST IS ADEQUATE

Protective Gloves:POLYETHYLENE OR NEOPRENE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE CLOTHING AND EQUIPMENT IN
ACCORDANCE WITH 29 CFR 1910.133 & 132.

Work Hygienic Practices:WASH SKIN WITH SOAP AND WATER.

Supplemental Safety and Health

DO NOT PUNCTURE OR INCINERATE CAN. FULL OR PARTIALLY FILLED CONTAINERS
ARE CONSIDERED HAZARDOUS WASTE.

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

HCC:V2

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:AEROSOL

Vapor Density:> 1

Spec Gravity:> 1

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

Solubility in Water:NEGLIGIBLE

Appearance and Odor: CLEAR COLORLESS GAS, ETHEREAL ODOR

Percent Volatiles by Volume: 100 %

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

Stability Indicator/Materials to Avoid: YES

ALKALI OR ALKALINE EARTH METALS (EG AL, ZN, BE, ETC.)

Stability Condition to Avoid: OPEN FLAME, HIGH TEMPERATURES

Hazardous Decomposition Products: HYDROCHLORIC AND HYDROFLUORIC ACID AND
POSSIBLY CARBONYL HALIDES

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

Waste Disposal

Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING
ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR
LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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