

CALGON CORP SUB OF MERCK & CO INC WATER MANAGEMENT -- REPAIR KIT, FUEL CELL, PART F, PHENALPHTHAL -- 1560-00-563-3585

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

Product ID:REPAIR KIT, FUEL CELL, PART F, PHENALPHTHAL

MSDS Date:07/14/1988

FSC:1560

NIIN:00-563-3585

Kit Part:Y

MSDS Number: BMZFF

=== Responsible Party ===

Company Name:CALGON CORP SUB OF MERCK & CO INC WATER MANAGEMENT

Address:CHEMICAL RD

Box:

391

City:ELLWOOD CITY

State:PA

ZIP:16117

Country:US

Info Phone Num:412-752-6200

Emergency Phone Num:412-777-8000

CAGE:4H642

=== Contractor Identification ===

Company Name:AERO HARDWARE AND PARTS CO INC

Address:130 BUSINESS PARK DRIVE

Box:City:ARMONK

State:NY

ZIP:10504

Country:US

Phone:914-273-8550

CAGE:4A766

Company Name:CALGON CORP SUB OF MERCK & CO INC WATER MANAGEMENT

Address:CHEMICAL RD

Box:391

City:ELLWOOD CITY

State:PA

ZIP:16117

Country:US

Phone:412-758-4583

CAGE:4H642

===== Comp

osition/Information on Ingredients =====

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
= Wt:43.
Other REC Limits:NONE SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:NON HAZARDOUS INGREDIENTS
= Wt:57.
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:NOT SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenici
ty:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SWALLOWING LARGE AMOUNTS OF PRODUCT
HAVE BEEN KNOWN TO CAUSE GASSTROINTESTINAL TRACT UPSET, CENTRAL
NERVOUS SYSTEM DEPRESSION. PRODUCT MAY BE EXPECTED TO PRODUCE SKIN
IRRITATION UPON REPEATED OR PROLO NGED CONTACT. MAY BE EXPECTED TO
CAUSE EYE IRRITATION UPON CONTACT.
Explanation of Carcinogenicity:PRODUCT CONTAINS NO INGREDIENTS
CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Effects of Overexposure:GAS
TROINTESTINAL TRACT UPSET, NAUSEA, DIARRHEA,
HEADACHE, CENTRAL NERVOUS SYSTEM DEPRESSION SIMILAR TO ETHANOL
INTOXICATION, SKIN IRRITATION, EYE IRRITATION, BURNING, TEARING AND
STINGING SENSATIONS O F THE EYES.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:IN CASE OF EYE CONTACT, FLUSH WITH PLENTY OF WATER FOR AT
LEAST 15 MINUTES. IF IRRITATION DEVELOPS, SEEK MEDICAL AID. IN CASE
OF SKIN CONTACT, WASH WITH SOAP AND PLENTY OF WATER. IF IRRITATION
DEVELOP S, SEEK MEDICAL AID. IF SWALLOWED, DO NOT INDUCE VOMITING.
GIVE LARGE QUANTITIES OF WATER. SEEK MEDICAL AID IMMEDIATELY. NEVER
GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC
Flash Point:=22.2C, 72.F
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:CAARBON DIOXIDE, DRY CHEMICALS, ALCOHOL FOAM, WA

TER
MIST OR FOG

Fire Fighting Procedures:EXERCISE CAUTION WHEN FIGHTING ANY CHEMICAL
FIRE. A SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING
ARE ESSENTIAL.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:DIKE AREA TO CONTAIN AS MUCH SPILLED MATERIAL
AS POSSIBLE. REMOVE ANY REMAINING BY ABSORBING ON VERMICULITE OR
OTHER SUITABLE ABSORBING MATERIAL AND PLACE I
N A SEALED CONTAINER
FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS AND FLAME.
KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:WEAR CHEMICAL SPLASH GOGGLES AND RUBBER GLOVES WHEN
HANDLING.

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

Respiratory Protection:NOT REQUIRED, HOWEVER, IF THE RECOMMENDED
T

LV/PEL AIR CONCENTRATION FOR ISOPROPANOL IS EXCEEDED, THEN A
NIOSH/MSHA APPROVED RESPIRATOR SHOULD BE USED.

Ventilation:MECHANICAL (GENERAL) RECOMMENDED.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NOT REQUIRED

Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT
AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

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HCC:F2

Boiling Pt:B.P. Text:NOT GIVEN

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

Vapor Pres:NOT GIVEN

Vapor Density:NOT GIVEN

Spec Gravity:0.91

pH:8.0

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:FAINT PINK OR COLORLESS, CLEAR SOLUTION, ALCOHOL
ODOR

Percent Volatiles by Volume:100 %

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZERS AND REDUCERS.

Stability Condi

tion to Avoid:STORE AWAY FROM HEAT, SPARKS AND FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. THIS PRODUCT AS SOLD WOULD BE CONSIDERED A RCRA HAZARDOUS WASTE AS DEFINED IN 40 CFR PART 261.21 FOR IGNITABILITY. THE EPA HAZARDOUS WASTE NUMBER IS D001.

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