

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

Product ID:CASCOPHEN RS 240MD

MSDS Date:04/26/1989

FSC:8040

NIIN:00-054-5023

Kit Part:Y

MSDS Number: BJDHS

=== Responsible Party ===

Company Name:CONSUMER PRODUCTS DIV., DIV. OF BORDEN, INC.

Address:180 EAST BROAD STREET

City:COLUMBUS

State:OH

ZIP:43215

Country:US

Info Phone Num:614-431-6680

Emergency Phone Num:614-431-6600

CAGE:DO149

=== C

Contractor Identification ===

Company Name:BORDEN INC

Address:180 E BROAD ST

Box:208

City:COLUMBUS

State:OH

ZIP:43215-3705

Country:US

Phone:614-225-6124

CAGE:07982

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:CONSUMER PRODUCTS DIV., BORDEN INC.

Address:180 EAST BROAD STREET

City:COLUMBUS

State:OH

ZIP:43215

Phone:614-431-6600

CAGE:DO149

===== Composition/Informat

ion on Ingredients =====

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 5-10%
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9192

Ingred Name:RESORCINOL (SARA III)
CAS:108-46-3
RTECS #:VG9625000
Fraction by Wt: 1-5%
OSHA PEL:10 PPM/20 STEL
ACGIH TLV:10 PPM/20 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PHENOL
CAS:108-95-2
RTECS #:SJ3325000
Fraction by Wt: 5-10%
OSHA PEL:5 PPM 19MG/M3 SKIN
ACGIH TLV:5 PPM 19MG/M3 SKIN
EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:SODIUM HYDROXIDE (SARA III)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 1-5%
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

===== 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:CAN CAUSE CENTRAL NERVOUS SYSTEM
DEPRESSION. THYROID DAMAGE BASED ON ANIMALS.

ALLERGIC SKIN

REACTION. CAN CAUSE LIVER DAMAGE & KIDNEY DAMAGE. SIMILAR PRODUCT: FOUND NON TOXIC DERMALLY, ETC. NOT EXPECTED TO BE HARMFUL UNDER NORMAL CONDITIONS OF USE. HOWEVER OVEREXPOSURE MAY CAUSE IRRITATION, EYES TO BURN. UNCONSCIOUSNESS

Explanation of Carcinogenicity: NO

Effects of Overexposure: HEADACHE, DIZZINESS, NAUSEA, VOMITING & DROWSINESS. CENTRAL NERVOUS SYSTEM DEPRESSION. VOMITING, UNCONSCIOUSNESS & EVEN ASPHYXIATION. INGESTION: NOT EXPECTED TO BE HARMFUL

UNDER NORMAL USE. SWALLOWED: MAY CAUSE IRRITATION OF NOSE, THROAT, LUNGS. CAUSE EYES TO BURN. SIMILAR PRODUCT WAS SEVERELY IRRITATING TO EYES/SKIN

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

First Aid: INGESTION: IF SWALLOWED, DILUTE BY DRINKING LARGE AMOUNTS OF WATER, IMMEDIATELY CONTACT POISON CONTROL CENTER/HOSPITAL FOR ADDITIONAL TREATMENT. INHALATION: RE-MOVE TO FRESH AIR. SKIN: IN CASE OF IRRITATION, FLUSH WITH WATER. EYES: IMMEDIATELY FLUSH WITH

PLENTY OF WATER FOR AT LEAST 15 MINUTES, EYELIDS SHOULD BE HELD APART DURING IRRIGATION TO INSURE WATER CONTACT WITH ENTIRE SURFACE. CALL A PHYSICIAN.

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

Flash Point: 127°F/53°C

Lower Limits: NA

Upper Limits: NA

Extinguishing Media: WATER SPRAY, DRY CHEMICAL "ALCOHOL" FOAM OR CO₂. WATER TO KEEP FIRE EXPOSED CONTAINER COOL. KEEP AWAY FROM HEAT, ETC.

Fire Fighting Procedures: KEEP AWAY FROM HEAT OR FLAMES. WATER MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

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

Spill Release Procedures: ELIMINATE ALL IGNITION SOURCES. LARGE AMOUNTS: ENCLOSURE WITH DIKING MATERIAL TO PREVENT SEEPAGE INTO NATURAL BODIES OF WATER, THEN CONSULT BORDEN INC. SMALL AMOUNTS: SOAK UP WITH ABSORBENT MATERIAL & REMOVE TO A CHEMICAL DISPOSAL AREA.

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

Handling and Storage Precautions: STORE

IN A COOL, DRY PLACE. NOT HARMED
BY FREEZING. IF FROZEN, RESIN SHOULD BE THAWED SLOWLY AT ROOM
TEMPERATURE & AGITATED THOROUGHLY BEFORE USE.
Other Precautions: STORAGE LIFE IS 4 MONTHS AT 70F, LESS AT HIGHER
TEMPERATURES. CONTAINS TOXIC CHEM(S) SUBJECT TO REPORTING
REQUIREMENTS OF SECTION 313 OF TITLE III OF SUPER- FUND AMENDMENTS
& REAUTHORIZATION ACT OF 1986 & SUBPART C SUPPLIER NOTIFY REQUIR

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

Respirato
ry Protection: WHERE AIR CONTAM EXCEED ACCEPTABLE CRITERIA, USE
NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIP. SELECT BASED ON
FORM & CONCENTRATE OF CONTAM IN AIR IN ACCORD ANCE WITH OSHA
29CFR1910.124 OR OTHER AP PLICABLE STANDARD OR GUIDELINES.
Ventilation: LOCAL EXHAUST, ENCLOSED SYSTEM DESIGN, PROCESS
ISOLATION/REMOTE CONTROL IN COMBINATION WITH USE OF PERSONAL
PROTECTION.
Protective Gloves: IMPERVIOUS GLOVES TO PREVENT CONTACT
Eye Protection: GOGGLES IF CONTACT IS LIKELY
O
ther Protective Equipment: RECOMMENDED THAT YOU CONSULT WITH EXPERTS OF
YOUR CHOICE TO DETERMINE WHETHER OR NOT YOUR PROGRAMS ARE ADEQUATE.
Work Hygienic Practices: ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE &
SAFETY PRACTICES. INCLUDING UNNECESSARY EXPOSURE/REMOVAL OF THE
MATERIAL.
Supplemental Safety and Health
INHALATION: AVOID PROLONGED OR REPEATED BREATHING OF VAPORS. SKIN:
AVOID PROLONGOR REPEATED CONTACT WITH SKIN. EYES: DO NOT GET IN
EYES. WASH THOROUGHLY AFTER HANDLING.
FOR INDUSTRIAL USE ONLY!
BEFO RE USING OR HANDLING READ AND UNDERSTAND THE MSDS SHEEET.

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

Boiling Pt: B.P. Text: 215F/102C
Vapor Pres: 50MM@218
Vapor Density: NA
Spec Gravity: 1.14 (APPOX)
Evaporation Rate & Reference: 0.5 (N-BUTYL ACETATE+1)
Solubility in Water: FAIR TO POOR
Appearance and Odor: CLEAR LIQUID, REDDISH BROWN COLOR WITH SLIGHT
ALCOHOLIC ODOR.
Percent Volatiles by Volume: 46%

===== Stability and R

Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

OXIDIZERS, ACIDS

Stability Condition to Avoid: NORMALLY STABLE AS DEFINED IN NFPA 704
12(4 3.1).

Hazardous Decomposition Products: CO, CO₂, ALDEHYDES (INCLUDING
FORMALDEHYDE), PARTICULATE MATTER AND OTHER ORGANIC COMPOUNDS.

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

Waste Disposal Methods: RECOVER FREE LIQUID. ABSORB RESIDUE & DISPOSE OF
ACCORDING TO LOCAL, STATE/PROVINCIAL & FEDERAL RE-QUIREMENTS.

EMPTY CONTAINER MAY CONTAIN EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE
OR WELD ON OR NEARBY. KEEP CONTAINERS CLOSED.

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