

CIBA-GEIGY CORP REN PLASTICS DIV, FORMUL SYS GROUP -- CG 1304 HARDENER --
8030-01-327-0463

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Product Identification
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Product ID:CG 1304 HARDENER

MSDS Date:05/30/1989

FSC:8030

NIIN:01-327-0463

Kit Part:Y

MSDS Number: BTTMS

=== Responsible Party ===

Company Name:CIBA-GEIGY CORP REN PLASTICS DIV, FORMUL SYS GROUP

Address:4917 DAWN AVE

City:EAST LANSING

State:MI

ZIP:48823-5605

Country:US

Inf

o Phone Num:517-351-5900

Emergency Phone Num:800-888-8372 , 808-888-8372

Preparer's Name:M. MUNSELL

CAGE:02684

=== Contractor Identification ===

Company Name:CIBA SPECIALTY CHEMICALS CORPORATION

Address:4917 DAWN AVE

Box:City:EAST LANSING

State:MI

ZIP:48823-5691

Country:US

Phone:517-351-5900

CAGE:02684

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Composition/Information on Ingredients
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Ingred Name:DIETHYLENETRIAMINE

CAS:111-40-0

RTECS #:IE1225000

Other REC Limits:NONE SPECIFIED BY M.

OSHA PEL:1 PPM

ACGIH TLV:

S, 1 PPM; 9394

Ingred Name:4,4'-ISOPROPYLIDENEDIPHENOL (SARA III)

CAS:80-05-7

RTECS #:SL6300000

Other REC Limits:NONE SPECIFIED BY M.

Ingred Name:N-AMINOETHYLPIPERAZINE

CAS:140-31-8

RTECS #:TK8050000

Other REC Limits:NONE SPECIFIED BY M.

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE-SKIN: CORROSIVE, IRRITATION.

POSSIBL

E SENSITIZATION IN SUSCEPTIBLE INDIVIDUALS, ALLERGIC

REACTIONS. EYES: CORROSIVE. BURNS. INGESTION: MAY BE HARMFUL.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, BURNS, PAIN, NAUSEA, VOMITING.

Medical Cond Aggravated by Exposure:SKIN & EYE CONDITIONS

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

First Aid:EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP &
WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE.
INGESTION

: IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. DON'T

INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN &/OR
ARTIFICIAL RESPIRATION, IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL
CASES.

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

Flash Point Method:PMCC

Flash Point:210F,99C MINIM

Extinguishing Media:CO2, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTIO

N PRODUCTS MAY
BE TOXIC.

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

Spill Release Procedures:REMOVE SPILLAGE BY ABSORBING IN INERT
ABSORBENT MATERIAL.

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

Handling and Storage Precautions:NUISANCE DUST MAY BE GENERATED WHEN
SANDING OR SAWING CURED MATERIAL. KEEP CONTAINER CLOSED. USE
W/ADEQUATE VENTILATION.

Other Precautions:AVOID CONTACT W/EYES, SKIN & CLOTHING & BREATHING OF
VAPOR OR
MIST.

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

Respiratory Protection:USE A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE
RESPIRATOR WHEN VAPOR/MIST EXPOSURE IS LIKELY.

Ventilation:GENERAL MECHANICAL & LOCAL EXHAUST IN ACCORDANCE W/ACGIH
RECOMMENDATIONS.

Protective Gloves:IMPERMEABLE

Eye Protection:SPLASH-PROOF CHEMICAL GOGGLES

Work Hygienic Practices:DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH
THIS PRODUCT. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety
and Health

PART B OF A TWO PART KIT, SAME NSN. KEY1:C4

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

HCC:B3

Boiling Pt:B.P. Text:>450F,>232C

Spec Gravity:1.0-1.1

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR LIGHT AMBER LIQUID, AMMONIACAL ODOR.

Percent Volatiles by Volume:NEGL.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS, METAL-ORGANIC COMPOUNDS.

Stability Condition to A

void:EXCESSIVE HEAT FOR PROLONGED PERDIOS OF
TIME

Hazardous Decomposition Products:CARBON MONOXIDE AND CARBON DIOXIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS.

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