

EMERSON AND CUMING INC, A GRACE CO -- CATALYST 1266, PART B -- 5970-00-248-4176

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Product Identification
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Product ID:CATALYST 1266, PART B

MSDS Date:01/16/1996

FSC:5970

NIIN:00-248-4176

Kit Part:Y

MSDS Number: CGMFT

=== Responsible Party ===

Company Name:EMERSON AND CUMING INC, A GRACE CO

Address:869 WASHINGTON STREET

Box:NONE

City:CANTON

State:MA

ZIP:02021

Country:US

Info Phone Num:617-

828-3300

Emergency Phone Num:617-828-3300

Preparer's Name:DAVID HAAS

CAGE:OB562

=== Contractor Identification ===

Company Name:EMERSON AND CUMING, INC,

Address:77 DRAGON CT.

City:WOBURN

State:MA

ZIP:01888-5000

Country:US

Phone:617-935-4850/617-938-8630

CAGE:OB562

Company Name:GRACE W R & CO EMERSON & CUMING DEWEY & ALMY CHEM

Address:869 WASHINGTON ST

City:CANTON

State:MA

ZIP:02021-2513

Country:US

Phone:617-935-4850

CAGE:04552

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Composition/Information on Ingredients
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Ingred Name:POLYGLYCOL DIAMINE
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-EYE:CORROSIVE TO EYES.
SKIN:CORROSIVE TO SKIN. INHALATION:VAPORS MAY CAUSE IRRITATION.
INGESTION:HARMFUL IF SWALLOWED. CHRONIC-
NONE KNOWN.
Explanation of Carcinogenicity:HAS NOT DEMONSTRATED ANY CARCINOGENIC
ACTIVITY.
Effects of Overexposure:EYE:MAY CAUSE BURNS OR POSSIBLE CORNEAL INJURY.
SKIN:MAY CAUSE SEVERE BURNS AND BLISTERING. INHALATION:VAPORS MAY
CAUSE NAUSEA AND HEADACHES. INGESTION:MAY CAUSE BURNS TO THE MOUTH
AND UPPER GASTROINT ESTINAL TRACT.
Medical Cond Aggravated by Exposure:EXPOSURE MAY AGGRAVATE PREEXISTING
SKIN, EYE AND/OR RESPIRATORY DISORDERS.

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First Aid M
asures
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First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.
EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE
CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM
EXPOSURE. A ID OR RESTORE BREATHING AS NEEDED. INGESTED:DO NOT
INDUCE VOMNITING. DILUTE BY GIVING PLENTY OF WATER TO DRINK. GET
IMMEDIATE MEDICAL ATTENTION. NOTHING BY MOUTH IF UNCONSCIOUS OR
CONVULSING.

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Fire Fighting M
asures
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Flash Point Method:PMCC
Flash Point:260F,127C
Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.
Fire Fighting Procedures:WEAR POSITIVE PRESSURE SCBA & FULL PROTECTIVE
EQUIPMENT. COOL EXPOSED CONTAINERS W/WATER. IF LARGE QUANTITIES ARE
INVOLVED, EVACUATE AREA.
Unusual Fire/Explosion Hazard:DECOMPOSITION & COMBUSTION PRODUCTS MAY
BE TOXIC. CLOSED CONTAINERS MAY VIOLENTLY RUPTURE UNDER FIRE
CONDITIONS.

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Acciden

tal Release Measures =====

Spill Release Procedures:CONDUCT SPILL RESPONSE I/A/W OSHA
29CFR1910.120. VENTILATE AREA. WIPE UP OR ABSORB W/VERMICULITE OR
SIMILAR MATERIAL. WASH AREA W/SOAPY WATER. COLLECT MATERIAL &
WASHES IN CONTAINERS FOR DISPOSAL.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handling and Storage Precautions:STORE IN A COOL DRY LOCATION
W/ADEQUATE VENTILATION. KEEP CONTAIN
ER TIGHTLY SEALED WHEN NOT IN

USE. KEEP AWA FROM IGNITION SOURCES. SEE TECH BULLETIN.

Other Precautions:EMPLOYEES MUST BE PROPERLY TRAINED IN SAFE HANDLING
OF THIS PRODUCT PRIOR TO ITS USE. SAFE HANDLING PROCEDURES SHOULD
BE DEVELOPED BY A PERSON KNOWLEDGIBLE IN THE INTENDED USEAGE
CONDITIONS & EQUIPMEN T. AVOID SKIN CONTACT.

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

Respiratory Protection:USE AN APPROPRIATE PROPERLY FITTED RESPIRATOR IN
EXPOSURES

EXCEED THE PEL/TLV VALUES. SELECTION OF TYPE (SCBA, AIR
LINE, AIR PURIFYING, ETC.) WILL DEPEND ON CONDITIONS OF USE.
OBSERVE 29CFR1910.134.

Ventilation:VENTILATION MUST BE SUFFICIENT TO MAINTAIN AIRBORNE LEVELS
OF INGREDIENTS BELOW PEL/TLV VALUES.

Protective Gloves:NEOPRENE GLOVES OVER LATEX.

Eye Protection:SPLASH PROOF GOGGLES OR FULL FACE SHIELD

Other Protective Equipment:CHEMICALLY RESISTANT APRON & ADDITIONALL
IMPERVIOUS CLOTHING. EMERGENCY EYE WASH & SAFETY SHOWER MUST BE

AVAILABLE

Work Hygienic Practices:WASH HANDS & FACE THOROUGHLY AFTER HANDLING
PRODUCT & BEFORE EATING, DRINKING, SMOKING.

Supplemental Safety and Health

WORK CLOTHING SHOULD BE WASHED BEFORE REUSE. PREVENT SKIN CONTACT AS
COMPONENTS OF THIS PRODUCT MAY BE ABSORBED THROUGH THE SKIN.

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

HCC:N1

NRC/State Lic Num:NONE

Boiling Pt:B.P. Text:>480F,>249C

Vapor Pres:AIR

Spec Gravity:1.00

Solubility in Water:SOLUBLE

Appearance a

nd Odor:AMBER LIQUID, AMINE ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS, ACIDS, BASES, EXPOXIDES.

Stability Condition to Avoid:AVOID STORING IN OPEN CONTAINERS, EXPOSURE TO FLAME, UNCONTROLLED EXPOSURE TO HEAT, UNCONTROLLED MIXING W/CURING AGENTS

Hazardous Decomposition Products:CO, CO2, OXIDES OF NITROGEN, AMINES AND OTHER ORGANIC SUBSTANCES MAY BE FORMED DURING COMBUSTION.

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=== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

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