

GRACE W R AND CO DEWEY AND ALMY CHEMICAL DIV -- CATALYST 9 -- 8040-00-132-0317

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

Product ID:CATALYST 9

MSDS Date:01/01/1987

FSC:8040

NIIN:00-132-0317

MSDS Number: BCZZT

=== Responsible Party ===

Company Name:GRACE W R AND CO DEWEY AND ALMY CHEMICAL DIV

Address:62 WHITTEMORE AVE

City:CAMBRIDGE

State:MA

ZIP:02140-1623

Country:US

Info Phone Num:617-876-1400

Emergency

Phone Num:617-876-1400

CAGE:0NAV2

=== Contractor Identification ===

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

Company Name:GRACE W R AND CO

Address:919 18TH ST NW

City:WASHINGTON

State:DC

ZIP:20006

Country:US

Phone:410-659-9000

CAGE:0NAV2

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

=====

==== Hazards Identification =====

Effects of Overexposure:EYE:SEV IRRIT,BURNS.SKN:SEV
IRRIT,DERM,BURNS.INHL:URT IRRIT,NAUS,ASTHMA.INGEST:GI TRACT
IRRIT,BURNS,DIAR

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

First Aid:INHAL:RMV TO FRESH AIR. IF NOT BRTHNG GIVE CPR; IF BRTHNG
DIFF GIVE OXYGEN. EYE:IMMED FLUSH W/PLENTY OF WATER. SKIN:WASH
W/SOAP&WATER. RMV CONTAM CLTHG&SHOES. INGEST:INDUCE VOMIT. RPT
UNTIL VOMIT IS C LEAR. NOT
HG BY MOUTH IF UNCONSC. GET MEDICAL ATTN.

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

Flash Point:280F/138C TCC
Autoignition Temp:Autoignition Temp Text:572F
Lower Limits:0.4%
Upper Limits:9.2%
Extinguishing Media:CO*2, FOAM, DRY CHEM & H*2O FOG.
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.
Unusual Fire/Explosion Hazard:MAY DECOMPOSE IN HEAT/FIRE RELEASING
PRODUCTS OF GREATR HAZARDS.

==== Accidental Release M
asures =====

Spill Release Procedures:USE CCROV RESP AND FULL.BODY PROTECTION.
CONFINE SPILL, COLLECT W/ABSORBENT OR SHOVEL INTO CLOSED CONTAINER.
WASH RESIDUALS W/SOAP & WATER.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED. MAINTAIN
STANDARD HYGIENE FOR CHEM HANDLING.
Other Precautions:AVOID EYE,SKN CONTACT.DO NOT IN
HALE OR INGEST.

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

Respiratory Protection:USE CCROV RESPIRATOR AS REQD
Ventilation:LOCAL OR GENERAL MECHANICAL AS REQD
Protective Gloves:IMPERVIOUS
Eye Protection:CHEMICAL GOGGLES
Other Protective Equipment:WEAR FULL SKN PROTECTION.
Supplemental Safety and Health
MSDS NON-STD DATED 19FEB87.

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

HCC:B2
Boiling Pt:B.P. Text:>1.0
Vapor Pres:1.0
Spec Gravity:0.993
Sol

ubility in Water:COMPLETE

Appearance and Odor:AMBER LIQUID, STRONG AMINE ODOR.

Percent Volatiles by Volume:UNK

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS,PEROXIDES,EPOXIDES, ORGANOHALIDES

Stability Condition to Avoid:EXCESS HEAT, IGNITION SOURCES, EXPOSURE TO AIR.

Hazardous Decomposition Products:NH*3, CARBON, NITROGEN OXIDES.

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

Waste Disp

osal Methods:RECLAIM OR INCINERATE IAW ALL LAWS & REGS

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.