

W R GRACE & CO-CONN -- HAMP-ENE NA*3T -- 6810-01-312-4076

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

Product ID:HAMP-ENE NA*3T

MSDS Date:05/24/1989

FSC:6810

NIIN:01-312-4076

MSDS Number: BLWFR

=== Responsible Party ===

Company Name:W R GRACE & CO-CONN

Address:55 HAYDEN AVE

City:LEXINGTON

State:MA

ZIP:01273

Country:US

Info Phone Num:617-861-6600

Emergency Phone Num:603-888-2320

Preparer's Name:DONNA A CHAD

WICK

CAGE:IO516

=== Contractor Identification ===

Company Name:W R GRACE & CO

Address:55 HAYDEN AVE

City:LEXINGTON

State:MA

ZIP:02173

Country:US

Phone:713-479-7348

CAGE:1BX64

Company Name:W R GRACE & CO-CONN

Address:62 WHITTEMORE AVE

Box:City:CAMBRIDGE

State:MA

ZIP:02140

Country:US

Phone:617-876-1400

CAGE:IO516

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

Ingred Name:ACETIC ACID, (ETHYLENEDINITRILO) TETRA-, TRISODIUM
SALT;(EDTA NA3 TRIHYDRATE)

CAS:150-38-9

RTECS #:A

H5250000

Fraction by Wt: >99%

Ingred Name:HYGIENE PRACT:PARTICULARLY IMPERVIOUS GLOVES, FOR LEAKS BEFORE USE.

RTECS #:9999999ZZ

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

LD50 LC50 Mixture:LD50:(ORAL RAT)>2000 MG/KG FOR REL CMPD

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

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

Health Hazards Acute and Chronic:ACUTE/CHRONIC:DUST MAY CAUSE EYE IRRIT. INHALATION OF DUST MAY BE IRRITATING TO RESPIRATORY TRACT.

SODIUM SALTS OF EDTA HAVE BEEN REPORTED TO CAUSE BIRTH DEFECTS IN ANIMALS AT VERY HIGH DOSES NOT EXPECTED IN OCCUPATIONAL EXPOSURES. THESE EFFECTS WERE OBSERVED ONLY AT DOSE LEVELS THAT WERE TOXIC TO (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ:THE MOTHER. EYES TEARING, STINGING, REDNESS. COUGHING, SORENESS IN RESPIRATORY TRACT, CHEST TIGHTNESS, DIFFICULTY BREATHING.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING LUNG

DISORDERS MAY BE MORE SUSCEPTIBLE TO IRRITATING EFFECTS.

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

First Aid:EYE:IMMEDIATELY FLUSH WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. CALL MD IMMEDIATELY.

SKIN:IMMEDIATELY REMOVE CONTAMINATED CLOTHING & FLUSH AREA WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. CALL MD IF IRRITATION DEVELOPS. INGEST:IF CONSCIOUS, GIVE SEVERAL GLASSES OF

WATER FOR DILUTION EFFECT & CONTACT MD. DO NOT INDUCE VOMITING. DO NOT(SUPP DATA)

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

Extinguishing Media:DOES NOT BURN-DECOMPOSES. FOR FIRES INVOLVING THIS MATERIAL, USE WATER, CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE.

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

Spill Relea

se Procedures:EVACUATE AREA OF NON-ESSENTIAL PER. VENT AREA.
USE PROT EQUIP & RESP PROT. CNTN LIQ SPILLS USING BARRIER OF INERT
MATL SUCH AS SAND OR BY DIKING AREA. ABSORB SPILLED LIQS USING
INERT MATL. SCOOP OR SH OVEL ABSORBED MATL/SPILLED SOLIDS INTO
(SUPP DATA)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN COOL, DRY & WELL VENTILATED
AREA. KEEP CONTAINERS C
LOSED. DO NOT ENTER STORAGE AREA UNLESS AREA
IS ADEQUATELY VENTILATED.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF DUST IS GENERATED, USE A NIOSH/MSHA APPROVED
DUST MASK.

Ventilation:HOODS OR LOCAL EXHAUST CAN BE USED TO SUPPLEMENT MECHANICAL
OR GENERAL INDUSTRIAL VENTILATION TO ELIMINATE DUSTING.

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:CHEMICAL WORKERS GOGGLES .

Other P

rotective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH THORO AFTER HNDLG. WASH CONTAM CLOTHES
BEFORE REUSE. LAUNDER WORK CLTHG SEPARATELY. CHECK PROT CLTHG, (SEE
ING 2)

Supplemental Safety and Health

PH:@ 10% SOLN=8.3-8.7. FIRST AID PROC:GIVE UNCON PERS ANYTHING BY
MOUTH. INHAL:REMOVE TO FRESH AIR.IF BRTHG STOPPED, GIVE ARTF RESP
THEN O*2 IF NEEDED. CALL MD. SPILL PROC:CNTNRS. AVOID CREATING DUST
DURING TRANSFER OF SOLIDS. PREVENT SPILLED PRODUCT OR
CONTAM WASH
WATER FROM ENTERING DRINKING WATER SUPPLIES/STREAMS.

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

pH:SUPDAT

Solubility in Water:APPROXIMATELY 40%

Appearance and Odor:WHITE CRYSTALLINE SOLID WITH NO ODOR

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

Stability Indicator/Materials to Avoid:YES
NONE.

Hazardous Decomposition Products:BURNING MAY RELEASE CARBON DIOXIDE,
CARBON MONOXIDE, AND NITROGEN OXIDES.

===== D

isposal Considerations =====

Waste Disposal Methods:U.S.:NOT A FEDERAL HAZARDOUS WASTE ACCORDING TO US EPA REG 40 CFR 261. DISPOSE OF WASTE I/A/W LOCAL, STATE & FEDERAL REGULATIONS. CANADA:COLLECT & PACKAGE FOR DISPOSAL ACCORDING TO LOCAL, PROVINCIAL, AND NATIONAL REGULATIONS.

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.