

MULTIGRAPHICS -- ELECTROSTATIC DISPERSANT -- 6850-01-347-8913

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

Product ID:ELECTROSTATIC DISPERSANT

MSDS Date:01/01/1991

FSC:6850

NIIN:01-347-8913

MSDS Number: BNQFT

=== Responsible Party ===

Company Name:MULTIGRAPHICS

Address:1800 W CENTRAL ROAD

City:MT.PROSPECT

State:IL

ZIP:60056-2293

Country:US

Info Phone Num:708-870-5121

Emergency Phone Num:708-870-5121 (DAY) 3

98-1900 (NIGHT)

CAGE:09177

=== Contractor Identification ===

Company Name:AM MULTIGRAPHICS DIV OF AM INTL INC

Address:431 LAKEVIEW CT

Box:City:MOUNT PROSPECT

State:IL

ZIP:60056-6048

Country:US

Phone:847-375-1700

CAGE:09177

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

Ingred Name:HYDROTREATED HEAVY NAPHTHA

CAS:64742-48-9

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:

NO Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:TARGET ORGANS: EYES, SKIN, RESPIRATORY SYSTEM. MSDS COMBINED HEALTH HAZARDS WITH SIGNS & SYMPTOMS. PRODUCT IS IRRITATING TO BODY TISSUES.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:IRRITANT ITO EYE. MAY CAUSE CONJUNCTIVITIS. = SKIN:PR

OLONGED CONTACT CAUSES DE-FATTING, DRYING, CRACKING, DERMATITIS. = NOT NORMALLY AN INHALATION HAZARD, OVEREXPOSURE MAY CAUSE NAUSEA, HEADACHE, AND RESPIRATORY IRRITATION. = INGESTED: NAUSEA AND POSSIBLE G/I IRRITATION.

Medical Cond Aggravated by Exposure:DERMATITIS. REPEATED INHALATION EXPOSURE IN RATS AT CONCENTRATIONS EQUAL OR GREATER THAN 300 PPM CAUSED LOW GRADE (MILD) ANEMIA AND KIDNEY EFFECTS.

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

First

Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER INCLUDING UNDER EYELIDS. SKIN: WASH WITH SOAP AND WATER. REMOVE ANY CONTAMINATED CLOTHING. INHALATION: MOVE TO FRESH AIR. IF BREATHING DIFFICULTY, ADMINISTER OX YGEN AND GET MEDICAL HELP. INGESTION: DO NOT INDUCE VOMITING DUE TO ASPIRATION HAZARD. GIVE A FEW OUNCES OF WHITE MINERAL OIL TO DRINK.

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

Flash Point Method:TCC

Flash Point:105F,41C

Lower Limits:0.8

Upper

Limits:7.0

Extinguishing Media:CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:SUPPLIER DID NOT ADDRESS THIS FIELD.

Neutralizing Agent:NO INFORMATION GIVEN ON MSDS BY SUPPLIER

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

Handling and Storage Precautions:STORE IN A CLOSED, COOL, WELL

V

ENTILATED AREA, AWAY FROM HEAT AND FLAME.

Other Precautions:READ AND FOLLOW LABEL PRECAUTIONS. DO NOT REUSE CONTAINER. FOR COMMERCIAL/INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:NOT REQUIRED.

Ventilation:TO MAINTAIN BELOW TLV.

Protective Gloves:NITRILE, NBR

Eye Protection:GOGGLES FOR POSSIBLE SPLASHING

Other Protective Equipment:AN EYE WASH STATION IS DESIRABLE IF SPLASHING IS A POSSIBILITY.

Work Hygienic Practices:SUPPLIER DID NOT ADDRESS THIS FIELD.

Supplemental Safety and Health

MSDS RECEIVED FROM NAVY (FOCAL POINT N). NAVY IDENTIFIED NSN.

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

HCC:F4

Boiling Pt:B.P. Text:313F,156C

Vapor Pres:4.8 MM

Vapor Density:5.0

Spec Gravity:0.75

Evaporation Rate & Reference:0.3 (BUTYL ACETATE=1)

Solubility in Water:0.01%

Appearance and Odor:CLEAR LIQUID, SLIGHT ODOR.

Percent Volatiles by Volume:100

=====

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

Stability Indicator/Materials to Avoid:YES

VERY STRONG OXIDIZING AGENTS LIKE CHROMIC ACID OR LIQUID CHLORINE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:NONE

Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:MANUFACTURER REPORTS, HAZARDOUS WASTE NO. D001 AND GIVES NO OTHER INFORMATION.

Disclaimer (provided with this in

formation 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.