

MULTIGRAPHICS -- ELECTROSTATIC SOLUTION, COVERSION SOLUTION -- 6850-00-813-6702

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

Product ID:ELECTROSTATIC SOLUTION, COVERSION SOLUTION

MSDS Date:05/01/1992

FSC:6850

NIIN:00-813-6702

MSDS Number: BTHVJ

=== 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

Emer

gency Phone Num:708-870-5121 (DAY) 398-1900 (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:POTASSIUM FERROCYANIDE

CAS:13746-66-2

RTECS #:LJ8225000

Fraction by Wt: 2-5% %

Other REC Limits:NONE RECOMMENDED

ACGIH TLV:5 MG/M3

Ingred Name:GLYCERIN (GLY

CEROL)
CAS:56-81-5
RTECS #:MA8050000
Fraction by Wt: 8-12% %
Other REC Limits:NONE RECOMMENDED
OSHA PEL:15 MG/M3 (MIST)
ACGIH TLV:10 MG/M3 (MIST) 9394

Ingred Name:AMMONIUM PHOSPHATE MONOBASIC
CAS:7722-76-1
Fraction by Wt: 8-10% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:CMC GUM
CAS:9000-11-7
Fraction by Wt: 1-2% %
Other REC Limits:NONE RECOMMENDED

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 74-79% %
Other REC Limits:NONE RECOMMENDED

=====
Hazards I
dentification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE EYE IRRITATION. PROLONGED
CONTACT MAY CAUSE SKIN IRRITATION. INHALATION IS NOT A NORMAL ROUTE
OF ENTRY. LARGE DOSES MAY CAUSE GASTRO-INTESTINAL IRRITATION.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.
1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYE IRRITATION, SKIN IRRITATION,
GASTROINTESTIANL IRRITATION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTESS. IF IRRITATION
PERSISTS, SEEK MEDICAL AID. SKIN: WASH WITH SOAP AND WATER.
INHALATION: NOT A NORMAL ROUTE OF ENTRY. INGESTION: INDUCE
VOMITING. GET

MEDICAL AID I MMEDIATELY.

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

Flash Point:NONFLAMMABLE
Lower Limits:NOT GIVEN
Upper Limits:NOT GIVEN
Extinguishing Media:NONFLAMMABLE. USE MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONFLAMMABLE. USE PROCEDURES SUITABLE FOR SURROUNDING FIRE.
Unusual Fire/Explosion Hazard:CATASTROPHIC ACCIDENTS INVOLVING LARGE QUANTITES, WOULD REQUIRE PERSONNEL TO WEAR SCBA DUE TO THE QUANTITIES OF CYANIDE THAT WOULD BE RELEASED.

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

Spill Release Procedures:FLUSH WITH WATER TO DRAIN IF PERMISSIBLE. DO NOT MIX WITH ACID WASTES.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DARK PLACE, AWAY FROM STRONG ACIDS AND FIRE HAZARDS. WASH THOROUGHLY AFTER HANDLING. READ LABEL PRECAUTIONS. DO NOT REUSE CONTAINER
.
Other Precautions:FOR COMMERCIAL/INDUSTRIAL USE ONLY. KEEP FROM REACH OF CHILDREN.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.
Ventilation:NORMAL AIR CONDITIONING
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.
Eye Protection:OPTIONAL
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.
Su

pplemental Safety and Health
FORMULATION CHANGE. FOR OTHER FORMULATIONS SEE P/N'S A, B & C.

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

HCC:C3
Boiling Pt:B.P. Text:212F,100C
Melt/Freeze Pt:M.P/F.P Text:NOT GIVEN
Vapor Pres:15
Vapor Density:NOT GIVEN
Spec Gravity:1.08
pH:4.5
Evaporation Rate & Reference:< 1 (WATER = 1)
Solubility in Water:COMPLETE
Appearance and Odor:YELLOW GREEN LIQUID, SLIGHT ALMOND ODOR

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

=====

Stability Indicator/Materials to Avoid:YES
CHLORINE BLEACH, STRONG AICDS
Stability Condition to Avoid:STRONG LIGHT, HEAT
Hazardous Decomposition Products:HDROCYANIC ACID, COMPLEX CYANOFERRATES
AND CYANIDES.

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

Waste Disposal Methods:DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER
OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS.

Disclaimer (provided with this information by the compilin
g 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.