

TRADE NAME: Electrostatic Solution

DATE: January, 1996
(Revised)

I. PRODUCT IDENTIFICATION

Name/Synonym: Conversion Solution Part Numbers: 83-1-104054 1 gal.
83-0-104055 5 gal.
200-1050-50A 50 gal.

Manufactured/Distributed by: AM MULTIGRAPHICS
1800 West Central Road
Mt. Prospect, Illinois 60056

Emergency Phone - Day - (847) 375-5956
Night - Chemtrec (800) 424-9300

II. INGREDIENTS - Confidential Information for Safety/Health Use Only
(ALL EXPOSURE LIMITS ARE PPM UNLESS OTHERWISE NOTED)

<u>Chemical Name</u>	<u>CAS#</u>	<u>OSHA ACGIH, NIOSH NTP, IARC</u>			<u>WT %</u>
		<u>PEL TLV, EXPOSURE OSHA</u>			
		<u>LIMITS</u>			
		<u>TWA</u>	<u>STEL</u>	<u>Carcinogen</u>	
*potassium hexacyanoferrate	13943-58-3	N/E	N/E	N/E	No 2-5
*monoammonium phosphate	7722-76-1	N/E	N/E	N/E	No 8-10
**glycerine	56-81-5	10mg/m3		N/E	No 12-14
*gum arabic	9000-01-5	N/E	N/E	N/E	No 1-2
*water	7732-18-5	N/E	N/E	N/E	No 74-79

* non-hazardous as defined by 29CFR 1910.1200. ** as mist only.

III. PHYSICAL PROPERTIES

Boiling Point (°F): 212°F Specific Gravity (H₂O = 1): 1.08
Vapor Pressure (mm Hg.): 15 @ 25°C Melting Point: N/A
Vapor Density (Air = 1): N/E Evaporation Rate: slower
Solubility in Water: complete (butyl acetate = 1) then water
Appearance/Odor: Yellow green liquid, slight almond odor pH: 4.5

IV. FIRE AND EXPLOSION HAZARD

Flash Point (Method): None Flammable Limits: LEL:N/A UEL:N/A
Extinguishing Media: Compatible with all extinguishing media.
Special Fire Fighting Procedure: None
Unusual Fire/Explosion Hazards: Catastrophic accidents, involving large quantities of product and accompanied by fire or contact with large quantities of strong acid, response personnel will be required to wear NIOSH/MSHA approved self-contained breathing apparatus due to, and dependent upon, the quantities of cyanide.

N/A = Not Applicable
N/E = Not Established

V. REACTIVITY DATAStable under normalStability: conditions of use Conditions to Avoid: Strong light & heat
Incompatibility, Materials to Avoid: Chlorine bleach, strong acids.Hazardous Decomposition Products: Product will slowly decompose with
formation of hydrocyanic acid, complex cyanoferrates and cyanides.Hazardous Polymerization: Will not occur.VI. SPILL OR LEAK PROCEDURE/WASTE DISPOSALFlush with water to drain. Disposal: Small quantities such as employed
in normal use may be flushed with water to drain. Do not mix with acid
wastes. Larger quantities should not be dumped into waterways, check
Federal, State and Local regulations regarding disposal of hexacyano-
ferrate salts (Generally 2 ppm maximum in streams and lakes).VII. HEALTH HAZARD DATA

- A)
- Routes of entry, signs and symptoms of overexposure, acute and
-
- chronic effects.

Eye: May cause eye irritation.Skin: Prolonged contact may cause skin irritation.Inhalation: Not a normal route of entry.Ingestion: Large doses may cause gastro-intestinal irritation.Target Organs: None known

- B)
- Carcinogenicity: Not found in NTP, IARC or OSHA.

- C)
- Medical conditions generally aggravated by normal exposure: None.

Hexacyanoferrate salts are considered slightly toxic to
humans, regardless of whether exposure is acute dermal, acute
ingestion or chronic systemic. Any effect on the human body is
temporary and reversible and the effect disappears following
termination of exposure.

- D)
- Emergency and First Aid

Eye: Flush with water for 15 minutes. Get medical aid.Skin: Wash with soap and waterInhalation: Not a normal route of entry.Ingestion: Induce vomiting, get medical aid.VIII. SPECIAL PROTECTION INFORMATIONRespiration Protection: N/AVentilation: Normal air conditioningProtective Gloves: Not requiredEye Protection: optionalOther Protection: N/AIX. SPECIAL PRECAUTIONSHandling and Storage: Store in a cool, dark place, away from strong
acids and fire hazards. Wash thoroughly after handling.Other: Read label precautions. Do not reuse container.For Commercial use only. Keep from reach of children.

X. ENVIRONMENTAL DATA

Hazardous Substance (40 CFR 372: SARA Sec. 313)

None

Reportable Quantity (40 CFR 355: SARA Sec. 302)

None

Hazardous Substance (40 CFR 302: CERCLA Table 302.4)

None

RCRA Waste Number

None

Volatile Organic Compounds

None

SARA Hazard Class

Acute: no Chronic: no Fire: no Pressure: no Reactivity: no

NFPA Hazard Rating

Health: 1 Flammability: 0 Reactivity: 0 Specific Hazard: N/A**XI. DOT SHIPPING INFORMATION**

Surface: non-hazardous Air: non-hazardous

Proper Shipping Name: N/AUN N/E Class N/E Labels: none required**NOTE:**

The chemicals in this product are listed on the TSCA inventory.

XII. DISCLAIMER

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind. AM Multigraphics believes that the information contained herein is current as of the revision date of this MSDS. Since the conditions of use of this product are beyond the control of AM Multigraphics, it is the obligation of the user to determine the conditions for safe use.