

4/20/92

MATERIAL SAFETY DATA SHEET

A.B.DICK PRODUCT NUMBER:

FQBYU000

AGFA CORPORATION

100 Challenger Road

Ridgefield Park, NJ 07660

TRANSPORTATION EMERGENCY

CALL CHEMTREC: 800-424-9300

INTERNATIONAL: 703-527-3887

NON-TRANSPORTATION

HEALTH EMERGENCY PHONE.: (303) 623-5716

AGFA INFORMATION PHONE.: (201) 440-2500

1. CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT NAME.....: CP-296B Copyproof Activator

PRODUCT CODE.....: ABC Code: FQBRF000, S9NPT000, H25FS000, FQBUM000,
FQBYU000, FQBVO000, F9PYS000

CHEMICAL FAMILY.....: Aqueous Alkaline Solution

BUSINESS GROUP.....: Graphic Systems

AGFA MSDS NUMBER.....: 452

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME

CAS NUMBER EXPOSURE LIMITS CONCENTRATION (%)

***** HAZARDOUS INGREDIENTS *****

Sodium Sulfite

7757-83-7 OSHA : Not Established
ACGIH: Not Established

1-5 %

N,N-Dimethylethanolamine

108-01-0 OSHA : Not Established
ACGIH: Not Established

1-5 %

N-Methyldiethanolamine

105-59-9 OSHA : Not Established
ACGIH: Not Established

1-5 %

Sodium Thiosulfate

7772-98-7 OSHA : Not Established
ACGIH: Not Established

1-5 %

3. HAZARDS IDENTIFICATION:

* EMERGENCY OVERVIEW *
*
* WARNING! Color: Colorless; Form: Liquid; Odor: Slight *
* fish-like odor; May cause respiratory tract irritation; May *
* cause allergic respiratory reaction; Inhalation may cause *
* nausea or dizziness; Causes skin irritation; May cause *
* allergic skin reaction; Causes eye irritation; Irritating *
* gases/fumes may be given off during burning or thermal *
* decomposition. *

POTENTIAL HEALTH EFFECTS:

ROUTE(S) OF ENTRY.....: Eye Contact; Skin Contact; Inhalation;
Ingestion

HUMAN EFFECTS AND SYMPTOMS OF OVEREXPOSURE:

ACUTE INHALATION.....: The sodium sulfite, sodium thiosulfate,
n,n-dimethylethanolamine and n-methyldiethanolamine in this product are
expected to be irritating to the respiratory tract with symptoms of
coughing, sore throat, and runny nose. Sodium sulfite and
n,n-dimethylethanolamine may cause an allergic reaction in some asthmatics
and previously exposed individuals. Possible symptoms include
bronchoconstriction, sweating, flushing, hives, rapid heart rate, decreased
blood pressure, and anaphylaxis. In addition, inhalation of
n,n-dimethylethanolamine may cause headache, nausea, and vomiting.

CHRONIC INHALATION.....: Persons who have been previously sensitized to
the above mentioned materials should take precautions to prevent the
inhalation of this product.

ACUTE SKIN CONTACT.....: Sodium sulfite, sodium thiosulfate,
n,n-dimethylethanolamine, and n-methyldiethanolamine can be irritating to
the skin with symptoms of reddening, itching, and swelling.
N,N-dimethylethanolamine may cause skin sensitization with symptoms of
rash, itching, hives, and swelling.

CHRONIC SKIN CONTACT.....: Sensitization with dermatitis or hives may
occur.

ACUTE EYE CONTACT.....: Sodium sulfite, sodium thiosulfate,
n,n-dimethylethanolamine, and n-methyldiethanolamine can be irritating to
the eyes with symptoms of tearing, stinging, reddening, and swelling.

CHRONIC EYE CONTACT.....: None known.

ACUTE INGESTION.....: Ingestion of this product may cause
gastrointestinal irritation.

CHRONIC INGESTION.....: None known.

CARCINOGENICITY.....: The components of this product are not listed
by NTP, IARC or regulated as a carcinogen by OSHA.

3. HAZARDS IDENTIFICATION (Continued)

MEDICAL CONDITIONS

AGGRAVATED BY EXPOSURE.....: Persons with preexisting eye or skin conditions or impaired pulmonary function may be more susceptible to the effects of this product.

4. FIRST AID MEASURES:

FIRST AID FOR EYES.....: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

FIRST AID FOR SKIN.....: In case of contact, remove contaminated clothing, immediately wash skin with plenty of water. Wash clothing before reuse. Call a physician if irritation persists.

FIRST AID FOR INHALATION: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

FIRST AID FOR INGESTION.: Drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Seek medical attention. Take this MSDS to physician.

5. FIRE FIGHTING MEASURES:

FLASH POINT.....: Noncombustible

EXTINGUISHING MEDIA.....: Material is not combustible. Use extinguishing media suitable for other combustible materials in the area.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate personnel to a safe area. Keep personnel removed and upwind of fire. Wear self-contained breathing apparatus.

UNUSUAL FIRE / EXPLOSION HAZARDS: When heated to decomposition emission of toxic fumes of SO₂ is possible.

6. ACCIDENTAL RELEASE MEASURES:

SPILL OR LEAK PROCEDURES.....: Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean up. Dike Spill. Prevent liquid from entering sewers, waterways or low areas. Soak up with sawdust, sand, oil dry or other absorbent material. Spill may be neutralized with powdered Citric Acid.

7. HANDLING AND STORAGE:

STORAGE TEMPERATURE (MIN/MAX): Store between 40 F (4.4 C) and 80 F (26 C).

Preferred storage is at 68 F (20 C).

SHELF LIFE.....: N.A.

SPECIAL SENSITIVITY.....: Keep from freezing.

HANDLING/STORAGE PRECAUTIONS: Avoid eye and skin contact, and store in well-ventilated area. Keep container tightly closed. Do not store with incompatible materials. Do not store or consume food, drink or tobacco in area where they may become contaminated with this material.

OTHER NOTES.....: Keep out of the reach of children.

8. PERSONAL PROTECTION:

PROTECTIVE CLOTHING REQUIREMENTS...: Splash protection required for eyes, e.g., eye glasses with side shields or goggles. For skin protection use chemical resistant gloves and aprons.

VENTILATION REQUIREMENTS.....: Use sufficient general room ventilation and/or local exhaust to maintain airborne levels of vapors below applicable exposure limits (see Section 2).

RESPIRATOR REQUIREMENTS.....: Under normal conditions of use, respirator protection is not required. If respirators are used, institute a program in accordance with OSHA standard 29CFR1010.134.

ADDITIONAL PROTECTIVE MEASURES.....: Emergency showers and eye wash stations should be made available. Educate and train employees in the safe use and handling of this product.

9. PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL FORM.....: Liquid

COLOR.....: Colorless

ODOR.....: Slight fish-like odor

pH: Approx. 11.5

BOILING POINT.....: Greater than 212 F (100 C)

MELTING/FREEZING POINT....: Less than 32 F (0 C)

SOLUBILITY IN WATER: Soluble

SPECIFIC GRAVITY: Approx. 1.05

BULK DENSITY.....: Not Applicable

VAPOR PRESSURE: Not Established

10. STABILITY AND REACTIVITY:

STABILITY.....: This is a stable material.
HAZARDOUS POLYMERIZATION...: Will not occur.
INCOMPATIBILITIES.....: Strong acids, oxidizers
INSTABILITY CONDITIONS.....: None known.
DECOMPOSITION PRODUCTS.....: In case of fire, oxides of sulfur, CO2, carbon
monoxide and other potentially toxic fumes.

11. TOXICOLOGICAL INFORMATION:

NO ANIMAL TOXICITY INFORMATION AVAILABLE

12. ECOLOGICAL INFORMATION:

NO ECOLOGICAL INFORMATION AVAILABLE

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD.....: Recover nonusable free liquid and/or contaminated
water, and dispose of in an approved and permitted treatment system.
Remove nonusable solid material and/or contaminated soil for disposal in an
approved and permitted landfill. Discharge to sewer may require approval
of permitting authority and may require pretreatment.

14. TRANSPORTATION INFORMATION:

TECHNICAL SHIPPING NAME.....: Aqueous Alkaline Solution
PRODUCT LABEL.....: CP-296B Copyproof Activator

DOT (DOMESTIC SURFACE)

HAZARD CLASS OR DIVISION: Non-Regulated

IMO / IMDG CODE (OCEAN)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

Product: CP-296B Copyproof Activator
Approval date: 07/14/1998

MSDS Page 5
Continued on next page

14. TRANSPORTATION INFORMATION (Continued)

IMO / IMDG CODE (continued)

ICAO / IATA (AIR)

HAZARD CLASS DIVISION NUMBER...: Non-Regulated

15. REGULATORY INFORMATION:

OSHA STATUS.....: This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS.....: On TSCA Inventory

CERCLA REPORTABLE QUANTITY...: None

SARA TITLE III:

SECTION 302 EXTREMELY

HAZARDOUS SUBSTANCES...: None

SECTION 311/312

HAZARD CATEGORIES.....: Immediate Health Hazard

SECTION 313

TOXIC CHEMICALS.....: None

RCRA STATUS.....: If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. (40 CFR 261.20-24)

The following chemicals are specifically listed by individual states; other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

COMPONENT NAME

/CAS NUMBER	CONCENTRATION	STATE CODE
Water		
7732-18-5	85-95 %	PA3, NJ4
Sodium Sulfite		
7757-83-7	1-5 %	PA3, NJ4
N,N-Dimethylethanolamine		
108-01-0	1-5 %	PA1, MA, NJ1
N-Methyldiethanolamine		
105-59-9	1-5 %	PA3, NJ4
Sodium Thiosulfate		
7772-98-7	1-5 %	PA3, NJ4

15. REGULATORY INFORMATION (Continued)

MA = Massachusetts Hazardous Substance List
NJ1 = New Jersey Hazardous Substance List
NJ4 = New Jersey Other - included in 5 predominant ingredients > 1%
PA1 = Pennsylvania Hazardous Substance List
PA3 = Pennsylvania Non-hazardous present at 3% or greater.

16. OTHER INFORMATION:

HMIS RATINGS: Health Flammability Reactivity Personal Prot
 2 0 0 B
0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe
B=Safety Glasses, Gloves

Agfa's method of hazard communication is comprised of Product Labels and Material Safety Data Sheets. HMIS ratings are provided by Agfa as a customer service.

REASON FOR ISSUE.....: Update format
PREPARED BY.....: S. Van Volkenburg
APPROVED BY.....: H. W. Gventer
APPROVAL DATE.....: 07/14/1998
SUPERSEDES DATE.....: 08/01/1993
SDS NUMBER.....: 34508

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Agfa Corporation. The data on this sheet relates only to the specific material designated herein. Agfa Corporation assumes no legal responsibility for use or reliance upon these data.

Product: CP-296B Copyproof Activator
Approval date: 07/14/1998

MSDS Page 7
Last page

THE PAGE WAS COMPLETELY LEFT BLANK.