

01302-3732

MATERIAL SAFETY DATA SHEET *Fire Engine*

1028

#030

ZENECA Inc.

Wilmington, Delaware 19897

Phone (24 hr.) Technical: (302) 886-3000

Medical: (800) 327-8633

Issue Date: 06/24/94

Rev.: E

CIDS: 54421

SECTION 1 NAME & HAZARD SUMMARY

Material name:

PROCION® Scarlet MX-BRA

Hazard summary (as defined by OSHA Hazard Communication Standard, 29 CFR 1910.1200):

Physical hazards: None

Health hazards: Pulmonary (lung) sensitizer, irritant (eye)

Read the entire MSDS for a more thorough evaluation of the hazards.

SECTION 2 INGREDIENTS

	OSHA PEL
Dyestuff	Not listed
Other nonhazardous ingredients	Not listed

Ingredients not precisely identified are proprietary or nonhazardous. Values are not product specifications. gt = greater than, lt = less than, ca = approximately

SECTION 3 PHYSICAL DATA

Boiling point: Not applicable
 Vapor pressure (mmHg at 20°C): No data
 Vapor density (air = 1): No data
 Solubility in water: 170 g/l
 pH: No data
 Specific gravity: About 1
 Volatile by volume: Negligible
 Appearance and odor: Red odorless powder

V-1895

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash point (and method): Not applicable
 Autoignition temp.: No data
 Flammable limits (STP): Not applicable

Extinguishing media:

Water fog, foam, carbon dioxide, dry-chemical, halogenated agents.

Special fire fighting protective equipment:

Self-contained breathing apparatus with full facepiece and protective clothing.

Unusual fire and explosion hazards:

This product may form explosive dust clouds in air.

Page 2

MATERIAL SAFETY DATA SHEET (continued)

PROCION Black MX-CRMA Powder

SECTION 5 REACTIVITY DATA

Stability:

Stable under normal conditions.

Incompatibility (materials to avoid):

Oxidizing agents.

Hazardous decomposition products:

Combustion products: Carbon dioxide, carbon monoxide, nitrogen oxides, ammonia, sulfur oxides, halogen, halogen acids, possible trace amounts of carbonyl halide.

Hazardous polymerization:

Will not occur.

SECTION 6 HEALTH HAZARD ASSESSMENT

General:

The health hazard assessment is based on an evaluation of the chemical composition together with information from a search of the scientific literature and other commercial sources.

Ingestion:

The acute oral LD₅₀ in rat is probably above 5 g/kg. Relative to other materials, a single dose of this product is practically nontoxic by ingestion.

Eye contact:

This material will probably irritate human eyes following contact.

Skin contact:

This material will probably irritate human skin.

Skin absorption:

This product will probably not be absorbed through human skin.

Inhalation:

*** A dye in this mixture has caused respiratory allergy/sensitization and care must therefore be taken to limit exposure of operators to dust, aerosol mist or droplets during handling. Cough, tightness in chest, and/or asthmatic wheezing may be signs of respiratory allergy/sensitization.

Other effects of overexposure:

No other adverse clinical effects are known to be associated with exposures to this material.

First aid procedures:

Skin: Wash material off the skin with plenty of soap and water. If redness, itching or a burning sensation develops, get medical attention.

Eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes.

Have eyes examined and treated by medical personnel.

---continued---

MATERIAL SAFETY DATA SHEET (continued)

PROCION Black MX-CWNA Powder

SECTION 6 HEALTH HAZARD ASSESSMENT (continued)

First aid procedures (continued):

Ingestion: Give one or two glasses of water to drink. If gastrointestinal symptoms develop, consult medical personnel. (Never give anything by mouth to an unconscious person.)

Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is labored, give oxygen. Consult medical personnel.

SECTION 7 SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled:

Wear skin, eye and respiratory protection during cleanup. Sweep up and recover or mix material with moist absorbent and shovel into waste container. Cover container and remove from work area. Wash residue from spill area with water and flush to a sewer serviced by a wastewater treatment facility. Use care to minimize the amount of dyestuff that reaches the sewer.

Disposal method:

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all hazardous product residue and puncture or otherwise destroy empty container before disposal.

SECTION 8 SPECIAL PROTECTION INFORMATIONTLV[®] or suggested control value:

No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

Ventilation:

Use local exhaust to keep exposures to a minimum.

Respiratory protection (specify type):

If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes whose TLV is greater than 0.05 mg/m³.

Protective clothing:

Gloves, apron and arm covers to avoid skin contact (see Section 9).

Eye protection:

Chemical tight goggles.

Other protective equipment:

Eyewash station and safety shower in work area.

SECTION 9 SPECIAL PRECAUTIONS OR OTHER COMMENTS

Precautions to be taken in handling or storing:

Follow procedures specified in the National Fire Protection Association Codes and Standards for handling combustible dusts. Maintain good housekeeping to avoid dust buildup. Avoid skin contact; stains may be difficult to remove without injuring the skin. Prevent eye contact. Avoid breathing dusts. A sensitized individual should not be exposed to the product which caused the sensitization.

Page 4

MATERIAL SAFETY DATA SHEET (continued)

PROCION Black MX-CWNA Powder

SECTION 10 REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

All ingredients are on the TSCA Chemical Substance Inventory.

CERCLA and SARA Regulations (40 CFR 355, 370, and 372):

This product does not contain any chemicals subject to the reporting requirements of SARA Section 313.

*** Other Information:

We assigned NFPA and HMIS ratings to this product based on the hazards of its ingredient(s). ~~Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.*~~

NFPA

2 Health
3 Flammability
0 Reactivity
Special Hazards

HMIS

2 Health
3 Flammability
0 Reactivity
PPE¹

*This information is intended solely for the use of individuals trained in the particular hazard rating system.

¹See appropriate MSDS section.

The information herein is given in good faith but no warranty, expressed or implied, is made.

Prepared/Reviewed: 06/24/94

***This line or section contains revisions or new statements since the last issue date.