SECTION 1. -- -- -- -- CHEMICAL IDENTIFICATION -- -- -- --
PRODUCT #: R9004
NAME: RHODAMINE 123

SECTION 2. -- -- -- -- COMPOSITION/INFORMATION ON INGREDIENTS -- -- -- --
CAS #: 52669-70-9
MF: C21H17ClN203
SYNONYMS:
2-(6-AMINO-3-MINO-3H-XANTHEN-9-YL)BENZODIC ACID, METHYL ESTER
4-METHOXYCARBONYL PHENYL-(3,6-DIAMINO-9-(2-(6-METHOXYCARBONYL)PHENYL)XANTHENYL)CHLORIDE * RH 123 * RHODAMINE 123 *

SECTION 3. -- -- -- -- HAZARDS IDENTIFICATION -- -- -- --
LABEL PRECAUTIONARY STATEMENTS
CAUTION:
AVOID CONTACT AND INHALATION.

SECTION 4. -- -- -- -- FIRST-AID MEASURES -- -- -- --
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.
IN CASE OF SKIN CONTACT, FLUSH WITH ABUNDANT AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
SHOES. CALL A PHYSICIAN.
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.
IF IN CASE OF CONTACT WITH EYES, FLUSH WITH ABUNDANT AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING
THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

SECTION 5. -- -- -- -- FIRE FIGHTING MEASURES -- -- -- --
EXTinguishing MEDIA
WATER SPRAY.
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
UNUSUAL FIRE AND EXPLOSION HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

CONTINUED ON NEXT PAGE
PRODUCT #: R8004  NAME: RHODAMINE 123
MF #: C21H17ClN203  PO#: UND-41251

SECTION 6. --- ACCIDENTAL RELEASE MEASURES---
WEAR PROTECTIVE EQUIPMENT.
Sweep up, place in a bag and hold for waste disposal.
Avoid raising dust.
Ventilate area and wash spill site after material pickup is complete.

SECTION 7. --- HANDLING AND STORAGE---
Refer to section 8.

SECTION 8. --- EXPOSURE CONTROLS/PERSONAL PROTECTION---
Wear appropriate NIOSH/MSHA-approved respirator, chemical-resistant
gloves, safety goggles, other protective clothing.
Mechanical exhaust required.

SECTION 9. --- PHYSICAL AND CHEMICAL PROPERTIES---
Appearance and odor:
Reddish-Brown Powder

SECTION 10. --- STABILITY AND REACTIVITY---
Stable.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:
Toxic Fumes of:
Carbon Monoxide, Carbon Dioxide
Nitrogen Oxides
Hydrogen Chloride Gas
Hazardous Polymerization will not occur.

SECTION 11. --- TOXICOLOGICAL INFORMATION---

ACUTE EFFECTS

CONTINUED ON NEXT PAGE
MATERIAL SAFETY DATA SHEET

PRODUCT #: R8004
NAME: RHODAMINE 123

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
MAY CAUSE IRRITATION.
THE TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY
INVESTIGATED.

RTECS NO: ZE0883000
XANTHYLUM, 3,6-DIAMINO-3-(2-(METHOXCARBONYL)PHENYL)-, CHLORIDE

TARGET ORGAN DATA
EFFECTS ON FERTILITY (POST-IMPLANTATION MORTALITY)
EFFECTS ON EMBRYO OR FETUS (OTHER EFFECTS TO EMBRYO OR FETUS)
SPECIFIC DEVELOPMENTAL ABNORMALITIES (MUSCULOSKELETAL SYSTEM)
ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
(RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR
COMPLETE INFORMATION.

SECTION 12 - ECOCLOGICAL INFORMATION
DATA NOT YET AVAILABLE

SECTION 13 - DISPOSAL CONSIDERATIONS
DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A
CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14 - TRANSPORT INFORMATION
CONTACT SIGMA CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION.

SECTION 15 - REGULATORY INFORMATION

REVIEWS, STANDARDS, AND REGULATIONS
EPA TSCA CHEMICAL INVENTORY, JUNE 1990

SECTION 16 - OTHER INFORMATION
THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO
BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. SIGMA SHALL NOT BE
HELd LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH

CONTINUED ON NEXT PAGE
PRODUCT #: R8004  
NAME: RHODAMINE 123

THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

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