

2013



chemists helping chemists in research & industry

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DATE: 07/27/93
 CUST#: 938609
 PO#: P0074850

M A T E R I A L S A F E T Y D A T A S H E E T

PAGE 1

I D E N T I F I C A T I O N

PRODUCT #: 20148-0
 CAS #: 76-54-0
 MF: C20H10CL2O5

NAME: 2',7'-DICHLOROFLUORESCIN

T O X I C I T Y H A Z A R D S

NO TOXICITY DATA AVAILABLE

H E A L T H H A Z A R D D A T A**A C U T E E F F E C T S**

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
 CAUSES EYE IRRITATION.
 MAY CAUSE SKIN IRRITATION.
 TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
 TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

F I R S T A I D

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
 WATER FOR AT LEAST 15 MINUTES.
 IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS
 AMOUNTS OF WATER.
 IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL
 RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.
 IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
 CALL A PHYSICIAN.
 WASH CONTAMINATED CLOTHING BEFORE REUSE.

P H Y S I C A L D A T A**A P P E A R A N C E A N D O D O R**

RUST-ORANGE PLATES OR POWDER

F I R E A N D E X P L O S I O N H A Z A R D D A T A**Q U E N C H I N G M E D I A**

WATER SPRAY.
 CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

S P E C I A L F I R E F I G H T I N G P R O C E D U R E S

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO

CONTINUED ON NEXT PAGE

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PAGE 2

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PRODUCT #:

MF: C20H10CL205

NAME: 2',7'-DICHLOROFLUORESCIN

FIRE AND EXPLOSION HAZARD DATA

PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

REACTIVITY DATA

INCOMPATIBILITIES
STRONG OXIDIZING AGENTS

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE
HYDROGEN CHLORIDE GAS

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
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.
WASTE DISPOSAL METHOD
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.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
CHEMICAL SAFETY GOGGLES.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
NIOSH/MSHA-APPROVED RESPIRATOR.
SAFETY SHOWER AND EYE BATH.
MECHANICAL EXHAUST REQUIRED.
AVOID INHALATION.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
EYE IRRITANT.
KEEP TIGHTLY CLOSED.

CONTINUED ON NEXT PAGE

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MF: C20H10CL2O5

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

STORE IN A COOL DRY PLACE.

LABEL PRECAUTIONARY STATEMENTS

IRRITANT

IRRITATING TO EYES.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING.

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