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SIGMA chemical company

THE WORLD'S FOREMOST MANUFACTURER OF RESEARCH
BIOCHEMICALS AND DIAGNOSTIC REAGENTS



OR PHONE COLLECT

1-314-771-5765

FROM ANYWHERE IN THE WORLD

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DATE: 04/01/87

CUST#: 5-091-70510 PO#:

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

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IDENTIFICATION

PRODUCT #: N8130
CAS #: 830-03-5

NAME: P-NITROPHENYL ACETATE

TOXICITY HAZARDS

RTECS NO: AJ1150000

ACETIC ACID, P-NITROPHENYL ESTER

TOXICITY DATA

IVN-MUS LD50:180 MG/KG

CSLNX* NX#00217

REVIEWS, STANDARDS, AND REGULATIONS

REPORTED IN EPA TSCA INVENTORY, 1983

HEALTH HAZARD DATA

ACUTE EFFECTS

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

FIRST AID

IF SWALLOWED, WASH OUT MOUTH WITH WATER. CALL A PHYSICIAN.
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
SHOES AND CALL A PHYSICIAN.

IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.

IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING
THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

PHYSICAL DATA

MELTING PT: 77-79°C

SOLUBILITY: ETHANOL-SOLUBLE

APPEARANCE AND ODOR
POWDER

FIRE AND EXPLOSION HAZARD DATA

EXTINGUISHING MEDIA

CARBON DIOXIDE, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO

PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

REACTIVITY DATA

STABILITY

STABLE.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE AND CARBON DIOXIDE

CONTINUED ON NEXT PAGE

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