

**SIGMA®** chemical company

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



ATTN: SAFETY DIRECTOR  
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OR PHONE COLLECT

1-314-771-5765

FROM ANYWHERE IN THE WORLD  
MAILING ADDRESS P.O. BOX 14508, ST. LOUIS, MO. 63178, U.S.A.

CABLE ADDRESS SIGMACHEM TWX 910-761-0593

EMERGENCY PHONE 1-314-771-5765

DATE: 04/01/87

CUST#: 5-091-70510 PO#:

MATERIAL SAFETY DATA SHEET

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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  
REVIEWS, STANDARDS, AND REGULATIONS  
REPORTED IN EPA TSCA INVENTORY, 1983

CSLNX# NX#00217

----- 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

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CONTINUED ON NEXT PAGE

BRANCH OFFICES AT: SIGMA CHEMICAL CO. LTD.  
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