



chemists helping chemists in research & industry

aldrich chemical co.

® P.O. Box 355, Milwaukee, Wisconsin 53201 USA

LAB

Telephone: (414) 273-3850
TWX: (910) 262-3052 Aldrichem MI
Telex: 26 843 Aldrich MI
FAX: (414) 273-4979

ATTN: SAFETY DIRECTOR
SCHOOLCRAFT COLLEGE
18600 HAGGERTY ROAD
LIVONIA MI 48152

DATE: 08/05/91 ✓
CUST#: 938609
PO#: P0068929

M A T E R I A L S A F E T Y D A T A S H E E T **P A G E 1**

IDENTIFICATION

PRODUCT #: 0550-0
CAS #: 112-14-1
MF: C10H20O2

NAME: **OCTYL ACETATE, 99+2**

SYNONYMS

ACETATE C-8 * CAPRYLYL ACETATE * 1-OCTANOL ACETATE * N-OCTANYL
ACETATE * OCTYL ACETATE * N-OCTYL ACETATE * 1-OCTYL ACETATE * OCTYL
ALCOHOL ACETATE *

TOXICITY HAZARDS

RTECS NO: AJ1400000

ACETIC ACID, OCTYL ESTER

IRRITATION DATA

SKN-RBT 500 MG/24H MLD

FCTXAV 12,805,74

TOXICITY DATA

ORL-RAT LD50: 3000 MG/KG

AMHBC 10,61,54

SKN-RBT LD50: >5 GM/KG

FCTXAV 12,815,74

REVIEWS, STANDARDS, AND REGULATIONS

EPA TSCA CHEMICAL INVENTORY, JUNE 1990

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS)
DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

HEALTH HAZARD DATA

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

MAY CAUSE IRRITATION.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND
TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

FIRST AID

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.

PHYSICAL DATA

BOILING PT: 211 C

CONTINUED ON NEXT PAGE

Belgium/Holland
Aldrich Chemie
Boulevard Lambert 140 b6
Bd. Lambert 140 b6
B-1030 Brussels/Brussel
Telephone:
Belgium 114747
Holland 060224748
Telex: 62302 Aldrich B
FAX: 022428216

France
Aldrich-Chimie S.r.l.
27, Fosse des Treize
F-67000 Strasbourg
Telephone: 88327010
Telex: 890076 Aldrich F
FAX: 88751283

Italy
Aldrich Chimica S.r.l.
Via Pietro Toselli, 4
20127 Milano
Telephone: 022613688
Telex: 330862 Aldrich I
FAX: 022896301

Japan
Aldrich Japan
Kyodo Bldg. Shinkanda
10 Kanda-Mikuracho
Chiyoda-Ku, Tokyo
Telephone: 032550155
FAX: 032550157

Spain
Aldrich Quimica
Apt. de Correos 161
28100 Alcobendas (Madrid)
Telephone: 916639877
Telex: 22189 SAQS-E
FAX: 916638084

United Kingdom
Aldrich Chemical Co., Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP8 4JL
Telephone: 0747822211
Telex: 417238 Aldrich G
FAX: 0747823779

West Germany
Aldrich-Chemie GmbH & Co. KG
D-7924 Steinheim
Telephone: 7329870
Telex: 714638 Aldrich D
FAX: 0732987139/239



chemists helping chemists in research & industry

aldrich chemical co.

® P.O. Box 355, Milwaukee, Wisconsin 53201 USA

LAB

Telephone: (414) 273-3850
TWX: (910) 262-3052 Aldrichem MI
Telex: 26 843 Aldrich MI
FAX: (414) 273-4979

M A T E R I A L S A F E T Y D A T A S H E E T P A G E 2

CUST#: 938609
PO#: P0068929

PRODUCT #: 0550-0
CAS #: 112-14-1
MF: C10H20O2

NAME: OCTYL ACETATE, 99+%

PHYSICAL DATA

SPECIFIC GRAVITY: 0.868
VAPOR DENSITY: 5.9
APPEARANCE AND ODOR
COLORLESS LIQUID

FIRE AND EXPLOSION HAZARD DATA

FLASHPOINT: 187 F
AUTOIGNITION TEMPERATURE: 515 F
LOWER EXPLOSION LEVEL: .76%
UPPER EXPLOSION LEVEL: 8.14%
EXTINGUISHING MEDIA
CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
WATER SPRAY.
SPECIAL FIREFIGHTING PROCEDURES
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.
COMBUSTIBLE LIQUID.
UNUSUAL FIRE AND EXPLOSIONS HAZARDS
EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

REACTIVITY DATA

INCOMPATIBILITIES
STRONG OXIDIZING AGENTS
STRONG BASES
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
TOXIC FUMES OF:
CARBON MONOXIDE, CARBON DIOXIDE

SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
EVACUATE AREA.
WEAR SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY
RUBBER GLOVES.
COVER WITH DRY LIME OR SODA ASH, PICK UP, KEEP IN A CLOSED CONTAINER
AND HOLD FOR WASTE DISPOSAL.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
WASTE DISPOSAL METHOD
THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR

CONTINUED ON NEXT PAGE

Belgium/Holland
Aldrich Chemie
Boulevard Lambert 140 b6
Bd. Lambert 140 b6
B-1030 Bruxelles/Brussel
Telephone:
Belgium 114747
Holland 060224748
Telex: 62302 Alchem B
FAX: 022428216

France
Aldrich-Chimie S.A.r.l.
27, Fosse des Treize
F-67000 Strasbourg
Telephone: 88327010
Telex: 890076 Aldrich F
FAX: 88751283

Italy
Aldrich Chimica S.r.l.
Via Pietro Toselli, 4
20127 Milano
Telephone: 022613680
Telex: 330862 Aldrich I
FAX: 022896301

Japan
Aldrich Japan
Kyodo Bldg. Shinkanda
10 Kanda-Misuracho
Chiyoda-Ku, Tokyo
Telephone: 032580155
FAX: 032580157

Spain
Aldrich Quimica
Apt. de Correos 161
28100 Alcobendas (Madrid)
Telephone: 916639977
Telex: 22189 SAQS-E
FAX: 916638084

United Kingdom
Aldrich Chemical Co., Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP8 4JL
Telephone: 0747822211
Telex: 417238 Aldrich G
FAX: 0747823779

West Germany
Aldrich-Chemie GmbH & Co. KG
D-7924 Steinheim
Telephone: 7329870
Telex: 714838 Aldri D
FAX: 0732987139/239



chemists helping chemists in research & industry

aldrich chemical co.

® P.O. Box 355, Milwaukee, Wisconsin 53201 USA

LAB

Telephone: (414) 273-3850
TWX: (910) 262-3052 Aldrichem MI
Telex: 26 843 Aldrich MI
FAX: (414) 273-4979

M A T E R I A L S A F E T Y D A T A S H E E T P A G E 3

CUST#: 938609
PO#: P0068929

PRODUCT #: 0550-0
CAS #: 112-14-1
MF: C10H20O2

NAME: OCTYL ACETATE, 99+%

SPILL OR LEAK PROCEDURES

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 BREATHING VAPOR.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
KEEP TIGHTLY CLOSED.
KEEP AWAY FROM HEAT AND OPEN FLAME.
STORE IN A COOL DRY PLACE.

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. ALDRICH SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT. SEE REVERSE SIDE OF INVOICE OR PACKING SLIP FOR ADDITIONAL TERMS AND CONDITIONS OF SALE.

COPYRIGHT 1991 ALDRICH CHEMICAL CO., INC.
LICENSE GRANTED TO MAKE UNLIMITED COPIES FOR INTERNAL USE ONLY.

Belgium/Holland
Aldrich Chemie
Boulevard Lambert 140 b6
1030 Brussels/Brussel
phone:
114747
and 060224748
12302 Alchem B
428216

France
Aldrich-Chemie S.a.r.l.
27, Fosse des Treize
F 67000 Strasbourg
Telephone: 88327010
Telex: 890076 Aldrich F
FAX: 88751283

Italy
Aldrich Chimica S.r.l.
Via Pietro Toselli, 4
20127 Milano
Telephone: 022613889
Telex: 330882 Aldrich I
FAX: 022896301

Japan
Aldrich Japan
Kyodo Bldg, Shinkanda
10 Kanda-Mitsurecho
Chiyoda-Ku, Tokyo
Telephone: 032580155
FAX: 032580157

Spain
Aldrich Quimica
Apt. de Correos 181
28100 Alcobendas (Madrid)
Telephone: 916639977
Telex: 22188 SAQS-E
FAX: 916638084

United Kingdom
Aldrich Chemical Co., Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP8 4JL
Telephone: 0747822211
Telex: 417238 Aldrich G
FAX: 0747823779

West Germany
Aldrich-Chemie GmbH & Co. KG
D-7924 Steinheim
Telephone: 7329870
Telex: 714838 Aldr D
FAX: 0732987139/239