



chemists helping chemists in research & industry

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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

SECTION 1. - - - - - CHEMICAL IDENTIFICATION - - - - -

CATALOG #: 36931-4
NAME: OLEYL ALCOHOL, TECH., 85%

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

CAS #: 143-28-2
MF: C18H36O
EC NO: 205-597-3

SYNONYMS

ADOL 34 * ADOL 80 * ADOL 85 * ADOL 90 * ADOL 320 * ADOL 330 * ADOL
340 * ATALCO O * CACHALOT O-1 * CACHALOT O-3 * CACHALOT O-8 *
CACHALOT O-15 * CONDITIONER 1 * CRODACOL A.10 * CRODACOL-O *
DERMAFFINE * H.D. EUTANOL * HD OLEYL ALCOHOL 70/75 * HD OLEYL ALCOHOL
80/85 * HD OLEYL ALCOHOL 90/95 * HD OLEYL ALCOHOL CG * LANCOL *
LOXANOL 95 * LOXANOL M * NOVOL * OCENOL * OCEOL * CIS-9-OCTADECEN-1-
OL * 9-OCTADECEN-1-OL, CIS- * OLEOL * OLEYL ALCOHOL * OLIVE ALCOHOL *
SATOL * SIPOL O * UNJECOL 50 * UNJECOL 70 * UNJECOL 90 * UNJECOL 110 *

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

LABEL PRECAUTIONARY STATEMENTS

IRRITANT
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE PROTECTIVE CLOTHING.

SECTION 4. - - - - - FIRST-AID MEASURES - - - - -

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

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

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PAGE 2

CATALOG #: 36931-4
NAME: OLEYL ALCOHOL, TECH., 85%

EXTINGUISHING MEDIA
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.

SECTION 6. - - - - - ACCIDENTAL RELEASE MEASURES - - - - -

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
ABSORB ON SAND OR VERMICULITE AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.
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 - - - - -

CHEMICAL SAFETY GOGGLES.
RUBBER GLOVES.
MECHANICAL EXHAUST REQUIRED.
SAFETY SHOWER AND EYE BATH.
NIOSH/MSHA-APPROVED RESPIRATOR.
DO NOT BREATHE VAPOR.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
AVOID PROLONGED OR REPEATED EXPOSURE.
WASH THOROUGHLY AFTER HANDLING.
IRRITANT.
KEEP TIGHTLY CLOSED.
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -

APPEARANCE AND ODOR
PALE YELLOW LIQUID

PHYSICAL PROPERTIES
BOILING POINT: 207 C/13MM.
FLASHPOINT: >230
109C
SPECIFIC GRAVITY: 0.849

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

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PAGE 3

CATALOG #: 36931-4
NAME: OLEYL ALCOHOL, TECH., 85%

INCOMPATIBILITIES
OXIDIZING AGENTS
STRONG ACIDS

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

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -

ACUTE EFFECTS
MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.
VAPOR OR MIST IS IRRITATING TO THE EYES, MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.
CAUSES SKIN IRRITATION.

RTECS #: RG4120000
9-OCTADECEN-1-OL, (Z)-

IRRITATION DATA

SKN-HMN 75 MG/3D-I MLD	85DKA8 - ,127,77
SKN-RAT 100 MG/24H MOD	CTOIDG 94(8),41,79
SKN-RBT 500 MG/24H MLD	JACTDZ 4(5),1,85
SKN-RBT 100 MG/24H SEV	CTOIDG 94(8),41,79
EYE-RBT 100 MG/24H MLD	JACTDZ 4(5),1,85
SKN-GPG 100 MG/24H SEV	CTOIDG 94(8),41,79

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

SECTION 12. - - - - - ECOLOGICAL 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 ALDRICH CHEMICAL COMPANY FOR TRANSPORTATION INFORMATION. ®

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -

EUROPEAN INFORMATION

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IRRITANT
R 36/37/38
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
S 26
IN CASE OF CONTACT WITH EYES. RINSE IMMEDIATELY WITH PLENTY OF
WATER AND SEEK MEDICAL ADVICE.
S 36
WEAR SUITABLE PROTECTIVE CLOTHING.

REVIEWS, STANDARDS, AND REGULATIONS

DEL=MAK
NOHS 1974: HZD 81440; NIS 51; TNF 4482; NOS 43; TNE 27781
NOES 1983: HZD 81440; NIS 41; TNF 4816; NOS 42; TNE 78925; TFE 49124
EPA TSCA SECTION 8(B) CHEMICAL INVENTORY

SECTION 16. - - - - - OTHER INFORMATION - - - - -

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