

# MATERIAL SAFETY DATA SHEET

## 1-OCTEN-3-OL

CAS #: 3391-86-4  
MF: C<sub>8</sub>H<sub>16</sub>O  
EC NO: 222-226-0

### SYNONYMS:

AMYLVINYL CARBINOL; MATSUTAKE ALCOHOL (JAPANESE); 1-OCTEN-3-OL (CZECH); PENTYLVINYL CARBINOL; VINYL AMYL CARBINOL; 1-VINYLOXHEXANOL

### HAZARDS IDENTIFICATION

#### LABEL PRECAUTIONARY STATEMENTS

TOXIC (USA)  
HARMFUL (EU)  
HARMFUL IF SWALLOWED.  
IRRITATING TO EYES AND SKIN.  
COMBUSTIBLE.  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.  
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.  
IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE).

#### FIRST-AID MEASURES

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

#### FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER SPRAY, 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.

#### UNUSUAL FIRE AND EXPLOSION HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.  
COMBUSTIBLE LIQUID.

#### 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.

HANDLING AND STORAGE; EXPOSURE CONTROLS/PERSONAL PROTECTION  
MECHANICAL EXHAUST REQUIRED.

SAFETY SHOWER AND EYE BATH.  
WASH THOROUGHLY AFTER HANDLING.  
DO NOT BREATHE VAPOR.  
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.  
AVOID PROLONGED OR REPEATED EXPOSURE.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
CHEMICAL SAFETY GOGGLES.  
KEEP TIGHTLY CLOSED.  
KEEP AWAY FROM HEAT AND OPEN FLAME.  
STORE IN A COOL DRY PLACE.

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: COLORLESS LIQUID  
BOILING POINT: 84°C TO 85°C/25mm.  
FLASHPOINT: 142°F  
SPECIFIC GRAVITY: 0.830  
SWISS POISON CLASS: 4

STABILITY AND REACTIVITY

STABILITY: STABLE.  
INCOMPATIBILITIES: STRONG OXIDIZING AGENTS  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

CAUSES SKIN IRRITATION.  
MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.  
CAUSES EYE IRRITATION.  
MAY BE HARMFUL IF INHALED.  
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.  
HARMFUL IF SWALLOWED.  
TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.  
RTECS #: RH3300000

TOXICITY DATA

ORL-RAT LD50:340 MG/KG (FCTXAV 14,681,1976)  
IVN-MUS LD50:56 MG/KG (CSLNX\* NX#02545)  
SKN-RBT LD50:3300 MG/KG (FCTXAV 14,681,1976)  
ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE.

#### DISPOSAL CONSIDERATIONS

CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL.

THIS COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

#### REGULATORY INFORMATION

##### EUROPEAN INFORMATION

HARMFUL (R 22)

HARMFUL IF SWALLOWED (R 36/38)

IRRITATING TO EYES 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

OEL=MAK

EPA TSCA SECTION 8(B) CHEMICAL INVENTORY