
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 1786-08-9
FEMA #: 3661
MF: C10H16O
EC NO: 217-241-4
Minimum Purity: 95.0%
Additives: synthetic alpha tocopherol @ 0.10%

SYNONYM(S)

2H-Pyran, 3,6-dihydro-4-methyl-2-(2-methyl-1-propenyl)-
3,6-Dihydro-4-methyl-2-(2-methylpropen-1-yl)-2H-pyran

SECTION 4. FIRST-AID MEASURES

INHALATION EXPOSURE: Remove to fresh air. Give oxygen and call a physician.
EYE CONTACT: Flush with water for 15 min. Seek medical help if necessary.
SKIN CONTACT: Wash area well with water. Seek medical help if necessary.
INGESTION: Administer water and call a physician or poison control center immediately. Do not induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA
CO2, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES
Use standard fire fighting procedures.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
Standard absorbents can be used.
WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 7. HANDLING AND STORAGE

HANDLING

Observe all warnings and precautions listed for the product.
Use in accordance with good manufacturing and industrial hygiene practices. Use product in a properly ventilated work area. Do not eat, drink or smoke while handling product.

STORAGE

Packaging: Glass, Plastic, Aluminum or Phenolic Lined Steel
Store tightly sealed under inert gas in a cool, well-ventilated area.

FIRE PROTECTION

Keep away from heat, sparks, and open flame.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Mechanical (general)
RESPIRATORY: Usually not required
SKIN: Rubber gloves
EYES: Splash-proof safety glasses
OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE: colorless to light yellow liquid
ODOR DESCRIPTION: floral, orangeblossom, green, sweet
BOILING POINT: 201.67 C (EPI 4.0)
VAPOR PRESSURE : 0.329 mmHg (20C, EPI 4.0)
VAPOR DENSITY (Air = 1): > 1
SPECIFIC GRAVITY @ 25C (water = 1): 0.8800:0.9200
SOLUBILITY IN WATER: Insoluble in water; soluble in alcohol
FLASH POINT (CC): 158 F 70 C
LOGP : 3.490

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES
CONDITIONS TO AVOID: Presents no special reactivity hazard.
MATERIALS TO AVOID: Strong oxidizing agents
HAZARDOUS COMBUSTION PRODUCTS
CO, CO2, smoke.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS
Most likely route of entry is through the skin.
Full strength may be irritating to skin and eyes.
IRRITATION DATA
10% in petrolatum produced no irritation or sensitization in humans.
TOXICITY DATA
LD50 Dermal (rabbit) > 5 g/kg.
LD50 Oral (rat) 5 g/kg.
THRESHOLD LIMIT VALUE (TLV): Not established
OSHA PERMISSABLE EXPOSURE LIMIT (PEL): Not established
LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

SECTION 12. ECOLOGICAL INFORMATION

GENERAL
Prevent contamination of soil, ground- and surface water.

SECTION 13. DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

	Class	Pack Group	Sub. Risk	UN No.
Road(U.S.-DOT):	not regulated.			
Air (IATA):	not regulated.			
Sea (IMDG):	not regulated.			

SECTION 15. REGULATORY INFORMATION

REVIEWS, STANDARDS, AND REGULATIONS

This chemical is listed on the following inventories:
TSCA AICS CHINA DSL ECL EINECS(217-241-4) ENCS PICCS
LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

SECTION 16. OTHER INFORMATION

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