

SAFETY DATA SHEET

Date Prepared : 01/01/2021

P270: Do not eat, drink, or smoke when using this product.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P330: Rinse mouth.
 P337+P313: If eye irritation persists: Get medical advice/attention.
 P370+P378: In case of fire: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment for extinction.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.
 P403+P235: Store in a well-ventilated place. Keep cool.
 P405: Store locked up.

Disposal:

P501: Dispose of in a manner consistent with federal, state, and local regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Ethyl Acetate	85 - 100	141-78-6
Methyl propyl ketone	< 1	107-87-9
Methyl-Isobutyl Ketone	< 1	108-10-1
N,N-DIMETHYL-P-TOLUIDINE	< 0 - 0.1	99-97-8

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
SKIN: Wash with soap and water. Get medical attention if irritation develops or persists.
INGESTION: If swallowed, seek medical advice immediately and show this container or label.
INHALATION: Remove to fresh air. Get medical attention if breathing is difficult.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE EFFECTS: Vapors may be irritating to eyes, throat and mucous membranes; ingestion may cause headache, drowsiness and possible unconsciousness.

5. FIRE FIGHTING MEASURES

GENERAL HAZARD: Highly flammable. Irritant.
EXTINGUISHING MEDIA: Use dry chemical, foam or carbon dioxide.
EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back.

SAFETY DATA SHEET

Date Prepared : 01/01/2021

FIRE FIGHTING PROCEDURES: Avoid using large quantities of water.

FIRE FIGHTING EQUIPMENT: As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide or carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILL: Dike area to contain spill. Take precautions as necessary to prevent contamination of ground and surface waters. Recover spilled material on adsorbent, such as sawdust or vermiculite, and sweep into closed containers for disposal. After all visible traces, including ignitable vapors, have been removed thoroughly wet vacuum the area. Do not flush to sewer. If area of spill is porous, remove as much contaminated earth and gravel, etc. as necessary and place in closed containers for disposal.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: This product is readily biodegradable. Do not release into surface waters.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Avoid breathing of vapors. Use only in well ventilated areas. When handling, do not eat, drink or smoke.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)					
		EXPOSURE LIMITS			
		OSHA PEL		ACGIH TLV	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³
Ethyl Acetate	TWA	400	1400	400	1440
N,N-DIMETHYL-P-TOLUIDINE	TWA	0.50 ppm	No data available	No data available	No data available
	STEL	No data available	No data available	No data available	No data available

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Avoid contact with eyes.

SKIN: Wear suitable gloves.

RESPIRATORY: Use only in a well-ventilated area. In case of insufficient ventilation, wear suitable respiratory equipment.
Recommended: Full-face NIOSH-approved respirator with organic vapor cartridge.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Strong fruity odor.

ODOR THRESHOLD: No data available

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APPEARANCE: Clear, Colorless liquid
COLOR: Clear to pale yellow
pH: No data available
PERCENT VOLATILE: No data available
FLASHPOINT AND METHOD: 1.11°C (30°F) TCC
FLAMMABLE LIMITS: 2 to 11.4
AUTOIGNITION TEMPERATURE: 427°C (800.6°F)
VAPOR PRESSURE: 73 mmHg at 20°C (68°F)
VAPOR DENSITY: No data available
BOILING POINT: 77°C (170°F) to 78°C (172°F)
FREEZING POINT: No data available
MELTING POINT: Not Established
THERMAL DECOMPOSITION: No data available
SOLUBILITY IN WATER: Slightly soluble.
EVAPORATION RATE: 4.5 (n-Butyl Acetate=1)
SPECIFIC GRAVITY: 0.9 (water=1)
VISCOSITY #1: < 5 Centipoise
(VOC): 900.000 g/L

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: No
CONDITIONS TO AVOID: Heat, sparks and flame.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, dioxide.
INCOMPATIBLE MATERIALS: Strong oxidizing agents, acids and bases.

11. TOXICOLOGICAL INFORMATION

ACUTE

Chemical Name	ORAL LD ₅₀ (rat)	DERMAL LD ₅₀ (rabbit)	INHALATION LC ₅₀ (rat)
Ethyl Acetate	5620 mg/kg (rat)	180000 mg/kg (rabbit)	45000 mg/m ³ per 2 hrs (mouse)
Methyl propyl ketone	1600 mg/kg	> 20 mg/kg (guinea pig)	
Methyl-Isobutyl Ketone	2080 mg/kg	> 10 mg/kg	
N,N-DIMETHYL-P-TOLUIDINE	> 1650 mg/kg (rat)	> 2000 mg/kg (rat)	1.4 mg/L per 4 hr (rat)

EYE EFFECTS: Irritating to eyes.

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SKIN EFFECTS: Irritating to skin.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: This product is readily biodegradable. Do not release into surface waters.

AQUATIC TOXICITY (ACUTE)

96-HOUR LC₅₀: > 220 mg/L (Golden orfe)

48-HOUR EC₅₀: > 500 mg/L (Daphnia)

96-HOUR EC₅₀: > 360 mg/L (green algae)

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with Local, State, and Federal regulations.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Limited Quantity

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Limited Quantity

AIR (ICAO/IATA)

SHIPPING NAME: Limited Quantity

UN/NA NUMBER: 1173

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

NOTE: Consumer Commodity, ID 8000, 9, label Package Orientation (Arrows Up). Max per unit 25 KG.G.

VESSEL (IMO/IMDG)

SHIPPING NAME: Limited Quantity

UN/NA NUMBER: 1173

PRIMARY HAZARD CLASS/DIVISION: 3

PACKING GROUP: II

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

Chemical Name	Wt.%	CERCLA RQ
Ethyl Acetate	85 - 100	5,000 lbs.
Methyl-Isobutyl Ketone	< 1	5,000

TSCA (TOXIC SUBSTANCE CONTROL ACT)

SAFETY DATA SHEET

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Chemical Name	CAS
Ethyl Acetate	141-78-6
Methyl propyl ketone	107-87-9
Methyl-Isobutyl Ketone	108-10-1

TSCA STATUS: All ingredients in this mixture are in compliance with TSCA.

CALIFORNIA PROPOSITION 65: WARNING: This product contains a chemical known to the state of California to cause cancer (Dimethyl-p-toluidine, CAS 99-97-8).

Chemical Name	Wt.%	Listed
N,N-DIMETHYL-P-TOLUIDINE	< 0 - 0.1	Cancer

16. OTHER INFORMATION

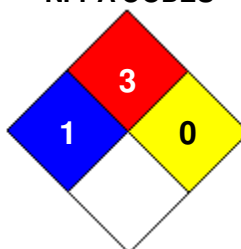
APPROVED BY: Regulatory Department

PREPARED BY: Regulatory Department **Date Prepared:** 01/01/2021

HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	3
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

NFPA CODES



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