SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

PRODUCT NAME: 1053-F Solvent
PRODUCT USE: Solvent
CHEMICAL FAMILY: Mixture
CAS NO.: NOT AVAILABLE (MIXTURE)
Not recommended for: Consumer Use

Manufacturer/Supplier:
PANNIER CORPORATION
207 SANDUSKY STREET
PITTSBURGH, PA 15212-5823 U.S.A.
24 Hr Emergency Telephone Number: Infotrac 1-800-535-5053

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification (GHS-US)
Flammable liquids H225
Category 3
Carcinogenicity H350
Category 1A
Specific target organ toxicity (repeated exposure) H373
Category 2
Full text of H statements : see section 16

Label elements
GHS-US labeling
Hazard pictograms (GHS-US):

Signal word (GHS-US) : Danger
Hazard statements (GHS-US) :
H225 - Highly flammable liquid and vapor
H350 - May cause cancer (oral)
H373 - May cause damage to organs (central nervous system, liver, kidneys) through prolonged or repeated exposure (oral)

Precautionary statements (GHS-US) :
P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, hot surfaces, sparks, open flames. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, lighting, ventilating equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P260 - Do not breathe fume, mist, spray, vapors
P280 - Wear eye protection, face protection, face shield, protective clothing, protective gloves
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P308+P313 - If exposed or concerned: Get medical advice/attention
P314 - Get medical advice/attention if you feel unwell
P331: Do NOT induce vomiting  
P370+P378 - In case of fire: Use ABC-powder, alcohol resistant foam, an extinguishing blanket, carbon dioxide (CO2), sand to extinguish  
P403+P235 - Store in a well-ventilated place. Keep cool  
P405 - Store locked up  
P501 - Dispose of contents/container to a hazardous or special waste collection point, an approved waste disposal plant, an authorized waste collection point, an industrial incineration plant, hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

Other hazards
No additional information available  
Unknown acute toxicity (GHS US)  
Not applicable

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS
Substance  
Not applicable  
Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol</td>
<td>(CAS No) 64-17-5</td>
<td>81 - 100</td>
<td>Flam. Liq. 2, H225, Carc. 1A, H350</td>
</tr>
<tr>
<td>methyl isobutyl ketone</td>
<td>(CAS No) 108-10-1</td>
<td>1.9 - 10</td>
<td>Flam. Liq. 2, H225, Acute Tox. 4 (Inhalation:dust,mist), Carc. 2, H351, H332, STOT SE 3, H335</td>
</tr>
<tr>
<td>methanol</td>
<td>(CAS No) 67-56-1</td>
<td>0.9 - 5</td>
<td>Flam. Liq. 2, H225</td>
</tr>
<tr>
<td>ethyl acetate</td>
<td>(CAS No) 141-78-6</td>
<td>1 - 5</td>
<td>Flam. Liq. 2, H225, STOT SE 3, H336</td>
</tr>
<tr>
<td>hexane</td>
<td>(CAS No) 110-54-3</td>
<td>1 - 5</td>
<td>Flam. Liq. 2, H225, Skin Irrit. 2, H315, STOT SE 3, H336, STOT RE 2, H373, Asp. Tox. 1, H304, Aquatic Chronic 2, H411</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4 - FIRST AID MEASURES
Description of first aid measures
First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).  
First-aid measures after inhalation: Allow victim to breathe fresh air. Allow the victim to rest.  
First-aid measures after skin contact: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.  
First-aid measures after eye contact: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.  
First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.  
Most important symptoms and effects, both acute and delayed  
Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.  
Indication of any immediate medical attention and special treatment needed  
No additional information available

SECTION 5 - FIRE FIGHTING MEASURES
Extinguishing media

Unsuitable extinguishing media: Do not use a heavy water stream.

Special hazards arising from the substance or mixture
No additional information available

Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel
Emergency procedures: Evacuate unnecessary personnel.

For emergency responders
Protective equipment: Equip cleanup crew with proper protection.
Emergency procedures: Ventilate area.

Environmental precautions
Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and material for containment and cleaning up
Methods for cleaning up: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Reference to other sections
See Heading 8. Exposure controls and personal protection.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

Conditions for safe storage, including any incompatibilities
Storage conditions: Keep only in the original container in a cool, well ventilated place away from direct sunlight
Incompatible products: Strong bases. Strong acids.
Incompatible materials: Sources of ignition. Direct sunlight.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

ethanol (64-17-5)

ACGIH ACGIH TWA (ppm) 1000 ppm
ACGIH Remark (ACGIH) URT irr

methanol (67-56-1)

ACGIH ACGIH TWA (ppm) 200 ppm
ACGIH ACGIH STEL (ppm) 250 ppm
ACGIH Remark (ACGIH) Headache; eye dam; dizziness; nausea

methyl isobutyl ketone (108-10-1)

ACGIH ACGIH TWA (ppm) 20 ppm
ACGIH ACGIH STEL (ppm) 75 ppm
ACGIH Remark (ACGIH) URT irr; dizziness; headache

ethyl acetate (141-78-6)

ACGIH ACGIH TWA (ppm) 400 ppm
ACGIH ACGIH STEL (ppm) 400 ppm
ACGIH Remark (ACGIH) URT & eye irr
OSHA
OSHA PEL (TWA) (mg/m³) 1400 mg/m³
OSHA PEL (TWA) (ppm) 400 ppm

hexane (110-54-3)
OSHA OSHA PEL (TWA) (mg/m³) 1800 mg/m³
OSHA PEL (TWA) (ppm) 500 ppm

Exposure controls
Personal protective equipment: Avoid all unnecessary exposure.
Hand protection: Wear protective gloves.
Eye protection: Chemical goggles or safety glasses.
Respiratory protection: Wear appropriate mask.
Other information: Do not eat, drink or smoke during use.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES
Information on basic physical and chemical properties
Physical state: Liquid
Appearance: Liquid
Color: Colorless
Odor: characteristic
Odor threshold: 100 ppm
pH: 7 (10 g/l)
ph value: 10 g/l
Freezing point: -114 °C
No data available
Boiling point: 78.2 °C
Critical temperature: 243 °C
Critical pressure: No data available
Flash point: 12 °C
Relative evaporation rate (butyl acetate=1): 2.4
Relative evaporation rate (ether=1): 8.3
Flammability (solid, gas): No data available
Explosion limits: 3.3 - 15.0 vol %
Explosive properties: No data available
Oxidizing properties: No data available
Vapor pressure: 59 hPa
Relative density: 0.79
Relative vapor density at 20 °C: 1.03
Relative density of saturated gas/air mixture: 1.04
Specific gravity / density: 785 kg/m³
Molecular mass: 46.07 g/mol
Log Pow -0.35 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 24 °C)
Auto-ignition temperature: 363 °C
Decomposition temperature: No data available
Viscosity: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: 1.19 mPa.s (20 °C)
Other information
Specific conductivity: 130000 pS/m
Saturation concentration: 112 g/m³
VOC content: 100 % (By volume calculated)

SECTION 10 - STABILITY AND REACTIVITY
Reactivity
No additional information available

Chemical stability
Not established.

Possibility of hazardous reactions
Not established.

Conditions to avoid
Direct sunlight. Extremely high or low temperatures.

Incompatible materials
Strong acids. Strong bases.

Hazardous decomposition products

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Not classified

**ethanol (64-17-5)**
- LD50 oral rat: 10740 mg/kg body weight (Rat; OECD 401: Acute Oral Toxicity; Experimental value)
- LD50 dermal rabbit: > 16000 mg/kg (Rabbit; Literature study)
- ATE US (oral): 10740.000 mg/kg body weight

**methanol (67-56-1)**
- LD50 oral rat: > 5000 mg/kg (Rat; BASF test; Literature study; 1187-2769 mg/kg bodyweight; Rat; Weight of evidence)
- LD50 dermal rabbit: 15800 mg/kg (Rabbit; Literature study)
- LC50 inhalation rat (mg/l): 85 mg/l/4h (Rat; Literature study)
- LC50 inhalation rat (ppm): 64000 ppm/4h (Rat; Literature study)
- ATE US (dermal): 15800.000 mg/kg body weight
- ATE US (gases): 64000.000 ppmV/4h
- ATE US (vapors): 85.000 mg/l/4h
- ATE US (dust, mist): 85.000 mg/l/4h

**methyl isobutyl ketone (108-10-1)**
- LD50 oral rat: 2080 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value)
- LD50 dermal rat: >= 2000 mg/kg body weight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity)
- LD50 dermal rabbit: > 16000 mg/kg (Rabbit)
- LC50 inhalation rat (mg/l): 8.2-16.4, Rat; Experimental value
- LC50 inhalation rat (ppm): 2000 - 4000 ppm/4h (Rat; Experimental value)
- ATE US (oral): 2080.000 mg/kg body weight
- ATE US (gases): 2000.000 ppmV/4h
- ATE US (dust, mist): 1.500 mg/l/4h

**ethyl acetate (141-78-6)**
- LD50 oral rat: 5620 mg/kg (Rat; Equivalent or similar to OECD 401; Experimental value; 10200 mg/kg bodyweight; Rat)
- LD50 dermal rat: > 18000 mg/kg (Rabbit; Experimental value; 24 hour cuff method; >20000 mg/kg bodyweight; Rabbit)
- LC50 inhalation rat (mg/l): 70.56 mg/l/4h (Rat)
- LC50 inhalation rat (ppm): 19600 ppm/4h (Rat)
- ATE US (oral): 5620.000 mg/kg body weight
- ATE US (gases): 19600.000 ppmV/4h
- ATE US (vapors): 70.560 mg/l/4h
- ATE US (dust, mist): 70.560 mg/l/4h

**hexane (110-54-3)**
- LD50 oral rat: 25000 mg/kg (Rat; Literature study)
- LD50 dermal rabbit: 3000 mg/kg (Rabbit; Literature study)
- LC50 inhalation rat (ppm): 48000 ppm/4h (Rat; Literature study)
- ATE US (oral): 25000.000 mg/kg body weight
- ATE US (dermal): 3000.000 mg/kg body weight
- ATE US (gases): 48000.000 ppmV/4h

Skin corrosion/irritation: Not classified pH: 7 (10 g/l)
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: May cause cancer (oral).

**ethanol (64-17-5)**
IARC group 1 - Carcinogenic to humans

**methyl isobutyl ketone (108-10-1)**
IARC group 2B - Possibly carcinogenic to humans

Reproductive toxicity: Not classified
Specific target organ toxicity (single exposure): Not classified
Specific target organ toxicity (repeated exposure): May cause damage to organs (central nervous system, liver, kidneys) through prolonged or repeated exposure (oral).

Aspiration hazard: Not classified

Potential Adverse human health effects and symptoms: Based on available data, the classification criteria are not met.

### SECTION 12 - ECOLOGICAL INFORMATION

**Toxicity**

**ethanol (64-17-5)**
- LC50 fish 1 1: 4200 mg/l (96 h; Pimephales promelas; Nominal concentration)
- EC50 Daphnia 1: 9300 mg/l (48 h; Daphnia magna)
- LC50 fish 2: 13000 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
- EC50 Daphnia 2: 10800 mg/l (24 h; Daphnia magna)
- Threshold limit other aquatic organisms: 65 mg/l (72 h; Protozoa)
- Threshold limit algae 1: 1450 mg/l (192 h; Microcystis aeruginosa; Growth rate)
- Threshold limit algae 2: 5000 mg/l (168 h; Scenedesmus quadricauda; Growth rate)

**methanol (67-56-1)**
- LC50 fish 1: 15400 mg/l (96 h; Lepomis macrochirus; Lethal)
- EC50 Daphnia 1: >10000 mg/l (48 h; Daphnia magna; Lethal)
- LC50 fish 2: 10800 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
- EC50 Daphnia 2: 24500 mg/l (48 h; Daphnia magna; Locomotor effect)
- Threshold limit other aquatic organisms: 6600 mg/l (16 h; Pseudomonas putida)
- Threshold limit algae 1: 530 mg/l (192 h; Microcystis aeruginosa)
- Threshold limit algae 2: 8000 mg/l (168 h; Scenedesmus quadricauda)

**methyl isobutyl ketone (108-10-1)**
- LC50 fish 1: 505 mg/l (96 h; Pimephales promelas; GLP)
- EC50 Daphnia 1: 170 mg/l (48 h; Daphnia magna; Static system)
- LC50 fish 2: 400 mg/l (96 h; Selenastrum capricornutum; Growth rate)
- EC50 Daphnia 2: 600 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
- Threshold limit other aquatic organisms: >1000 mg/l (48 h; Daphnia magna; GLP)
- Threshold limit algae 1: 136 mg/l (Microcystis aeruginosa)
- Threshold limit algae 2: 725 mg/l (8 days; Scenedesmus quadricauda; Nominal concentration)

**ethyl acetate (141-78-6)**
- LC50 fish 1: 454.7 mg/l 96 h; Salmo gairdneri (Oncorhynchus mykiss)
- EC50 Daphnia 1: 2500 mg/l (24 h; Daphnia magna)
- LC50 fish 2: 230 mg/l (96 h; Pimephales promelas)
- EC50 Daphnia 2: 154 mg/l (48 h; Daphnia magna)
- TLM fish 1: 100-1000,96 h
- TLM other aquatic organisms 1: 100-1000,96 h
- Threshold limit algae 1: 2000 mg/l (96 h; Selenastrum capricornutum; Biomass)
- Threshold limit algae 2: 15 mg/l (192 h; Scenedesmus quadricauda; Growth rate)

**hexane (110-54-3)**
- LC50 fish 1: 2.5 mg/l (96 h; Pimephales promelas)
- EC50 Daphnia 1: 2.1 mg/l (48 h; Daphnia magna)
- LC50 fish 2: 4 mg/l (24 h; Carassius auratus)
- EC50 Daphnia 2: 0.4 mg/l (96 h; Chaetogammarus marinus)
- Threshold limit other aquatic organisms: 9.049 mg/l (Protozoa)
- Threshold limit algae 1: 10 mg/l (Laminariales; Photosynthesis)
- Threshold limit algae 2: 26 mg/l (72 h; Pseudokirchneriella subcapitata; GLP)

### Persistence and degradability

**1053 F Solvent (Mixture)**

Persistence and degradability Not established.
Persistence and degradability

Biochemical oxygen demand (BOD)
Chemical oxygen demand (COD)
ThOD

methanol (67-56-1)
Persistence and degradability
Biochemical oxygen demand (BOD)
Chemical oxygen demand (COD)
ThOD
BOD (% of ThOD)

ethyl acetate (141-78-6)
Persistence and degradability
Biochemical oxygen demand (BOD)
Chemical oxygen demand (COD)
ThOD

hexane (110-54-3)
Persistence and degradability
ThOD
BOD (% of ThOD)

Bioaccumulative potential

1053 F Solvent (Mixture)
Log Pow

Bioaccumulative potential
ethanol (64-17-5)
Log Pow

Bioaccumulative potential
methanol (67-56-1)
BCF fish 1
BCF fish 2
Log Pow

Bioaccumulative potential
methyl isobutyl ketone (108-10-1)
BCF fish 1
Log Pow

Bioaccumulative potential
ethyl acetate (141-78-6)
BCF fish 1
Log Pow

Bioaccumulative potential
hexane (110-54-3)
BCF fish 1
Log Pow

Bioaccumulative potential
Mobility in soil

ethanol (64-17-5)
Surface tension 0.0245 N/m (20 °C)

methanol (67-56-1)
Readily biodegradable in water. Biodegradable in the soil. No (test)data on mobility of the substance available.
0.8 - 0.967 g O₂/g substance
1.70 g O₂/g substance
2.10 g O₂/g substance

0.6 - 1.12 g O₂/g substance
1.42 g O₂/g substance
1.5 g O₂/g substance
0.8 % ThOD

2.06 g O₂/g substance
2.16 g O₂/g substance
2.72 g O₂/g substance
0.76 % ThOD

0.293 g O₂/g substance
1.69 g O₂/g substance
1.82 g O₂/g substance

3.52 g O₂/g substance
0.63 % ThOD

-0.35 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 24 °C)
Not established.

-0.35 (Experimental value; OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method; 24 °C)
Low potential for bioaccumulation (Log Kow < 4).

< 10 (72 h; Leuciscus idus)
1 (72 h; Cyprinus carpio; Blood)
-0.77 (Experimental value; Other)

Low potential for bioaccumulation (BCF < 500).

2 - 5 (Pisces)
1.9 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)
Low potential for bioaccumulation (BCF < 500).

30 (3 days; Leuciscus idus)
0.68 (Experimental value; EPA OPPTS 830.7560; 25 °C)

Low potential for bioaccumulation (BCF < 500).

501.187 (Pimephales promelas)
3.5 - 3.94 (Calculated)
Bioaccumable.
Surface tension  
**methyl isobutyl ketone (108-10-1)**  
Surface tension 0.023 N/m (20 °C)  
**ethyl acetate (141-78-6)**  
Surface tension 0.024 N/m (20 °C)  
**hexane (110-54-3)**  
Surface tension 0.024 N/m (20 °C)  
12.5. Other adverse effects  
Effect on the global warming: No known ecological damage caused by this product.  
Other information: Avoid release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS  
Waste treatment methods  
Waste disposal recommendations: Dispose in a safe manner in accordance with local/national regulations. an approved hazardous waste plant and/or drum reconditioner.  
Ecology - waste materials: Avoid release to the environment.

SECTION 14 - TRANSPORT INFORMATION  
Department of Transportation (DOT)  
In accordance with DOT  
Transport document description: UN1987 Alcohols, n.o.s., 3, II  
UN-No.(DOT): UN1987  
Proper Shipping Name (DOT): Alcohols, n.o.s.  
Class (DOT): 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120  
Hazard labels (DOT): 3 - Flammable liquid  

Packing group (DOT): II - Medium Danger  
DOT Packaging Non Bulk (49 CFR 173.xxx): 202  
DOT Packaging Bulk (49 CFR 173.xxx): 242  
DOT Special Provisions (49 CFR 172.102):  
172 - This entry includes alcohol mixtures containing up to 5% petroleum products  
IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 °C (1.1 bar at 122 °F), or 130 kPa at 55 °C (1.3 bar at 131 °F) are authorized  
T7 - 4 178.274(d)(2) Normal............ 178.275(d)(3)  
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = 97 / 1 + a (tr - tf) Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling  
TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 °C (32 °F)  
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on
the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP

DOT Packaging Exceptions (49 CFR 173.xxx): 4b;150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27): 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75): 60 L
DOT Vessel Stowage Location: B
- (i) The material may be stowed “on deck” or “under deck” on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) “On deck only” on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded

Emergency Response Guide (ERG) Number: 127
Other information: No supplementary information available.

TDG
No additional information available

Transport by sea
No additional information available

Air transport
No additional information available

SECTION 15 - REGULATORY INFORMATION

US Federal regulations
ethanol (64-17-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
methanol (67-56-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313
CERCLA RQ 5000 lb
methyl isobutyl ketone (108-10-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313
CERCLA RQ 5000 lb
ethyl acetate (141-78-6)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Not subject to reporting requirements of the United States SARA Section 313
CERCLA RQ 5000 lb
hexane (110-54-3)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313
CERCLA RQ 5000 lb

International regulations
CANADA
No additional information available

EU-Regulations
No additional information available

National regulations
ethanol (64-17-5)
Listed on IARC (International Agency for Research on Cancer)
methyl isobutyl ketone (108-10-1)
Listed on IARC (International Agency for Research on Cancer)

US State regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significant risk level (NSRL)</th>
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<tbody>
<tr>
<td>methanol (67-56-1)</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>methyl isobutyl ketone (108-10-1)</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td></td>
</tr>
</tbody>
</table>
Yes | No | No | No
---|---|---|---
**ethanol (64-17-5)**  
U.S. - New Jersey - Right to Know Hazardous Substance List
**methanol (67-56-1)**  
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
**methyl isobutyl ketone (108-10-1)**  
U.S. - Massachusetts - Right to Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
**ethyl acetate (141-78-6)**  
U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
**hexane (110-54-3)**  
U.S. - Massachusetts – Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

**SECTION 16 - OTHER INFORMATION**

Full text of H-phrases:

----- H225 Highly flammable liquid and vapor
----- H304 May be fatal if swallowed and enters airways
----- H315 Causes skin irritation
----- H332 Harmful if inhaled
----- H335 May cause respiratory irritation
----- H336 May cause drowsiness or dizziness
----- H350 May cause cancer
----- H351 Suspected of causing cancer
----- H373 May cause damage to organs through prolonged or repeated exposure
----- H411 Toxic to aquatic life with long lasting effects

NFPA health hazard: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard: 3 - Liquids and solids that can be ignited under almost all ambient conditions.
NFPA reactivity: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating
Health: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability: 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC)
Physical: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.
Personal Protection: D,n
D - Face shield and eye protection, Gloves, Synthetic apron n - Splash goggles

**DISCLAIMER OF LIABILITY**
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