SECTION 1. Identification

Product identifier

Product number  EX0278
Product name  Ethyl Alcohol, Denatured Anhydrous For Gas Chromatography and Residue Analysis OmniSolv®

Relevant identified uses of the substance or mixture and uses advised against

Identified uses  Reagent for analysis

Details of the supplier of the safety data sheet

Company  EMD Millipore Corporation | 290 Concord Road, Billerica, MA 01821, United States of America | General Inquiries: +1-978-715-4321 | Monday to Friday, 9:00 AM to 4:00 PM Eastern Time (GMT-5)

Emergency telephone  800-424-9300 CHEMTREC (USA)
+1-703-527-3887 CHEMTREC (International)
24 Hours/day; 7 Days/week

SECTION 2. Hazards identification

GHS Classification

Flammable liquid, Category 2, H225
Specific target organ systemic toxicity - single exposure, Category 2, Eyes, H371
For the full text of the H-Statements mentioned in this Section, see Section 16.

GHS-Labeling

Hazard pictograms

Signal Word
Danger

Hazard Statements
H225 Highly flammable liquid and vapor.
H371 May cause damage to organs (Eyes).

Precautionary Statements
SAFETY DATA SHEET
according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number  EX0278  Version 1.2
Product name  Ethyl Alcohol, Denatured Anhydrous For Gas Chromatography and Residue Analysis OmniSolv®

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P240 Ground/bond container and receiving equipment.
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

OSHA Hazards
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200). This information is based on 29 CFR 1910.1200 criteria prior to adoption of the GHS and may deviate from the GHS information.

Other hazards
None known.

SECTION 3. Composition/information on ingredients
Chemical nature  Solvent mixture

Hazardous ingredients
Chemical Name (Concentration)
CAS-No.
ethanol (>= 90 % - <= 100 %)
64-17-5
Exact percentages are being withheld as a trade secret.
methanol (>= 1 % - < 5 %)
67-56-1
Exact percentages are being withheld as a trade secret.
ethyl acetate (>= 1 % - < 5 %)
141-78-6
Exact percentages are being withheld as a trade secret.
4-methylpentan-2-one (>= 1 % - < 5 %)
108-10-1
Exact percentages are being withheld as a trade secret.

SECTION 4. First aid measures
Description of first-aid measures
Inhalation
After inhalation: fresh air. Consult a physician.

Skin contact
After skin contact: wash off with plenty of water. Remove contaminated clothing. Consult a physician.

Eye contact
After eye contact: rinse out with plenty of water. Call in ophthalmologist.

Ingestion
After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.

Never give anything by mouth to an unconscious person.
SAFETY DATA SHEET
according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number EX0278
Product name Ethyl Alcohol, Denatured Anhydrous For Gas Chromatography and Residue Analysis OmniSolv®

Most important symptoms and effects, both acute and delayed
irritant effects, respiratory paralysis, Dizziness, narcosis, inebriation, euphoria, Nausea, Vomiting, Drowsiness, agitation, spasms, blindness, Headache, Coma, Impairment of vision

Indication of any immediate medical attention and special treatment needed
Mention methanol.

SECTION 5. Fire-fighting measures

Extinguishing media
Suitable extinguishing media
Water, Foam, Carbon dioxide (CO2), Dry powder

Unsuitable extinguishing media
For this substance/mixture no limitations of extinguishing agents are given.

Special hazards arising from the substance or mixture
Combustible.
Vapors are heavier than air and may spread along floors.
Forms explosive mixtures with air at ambient temperatures.
Pay attention to flashback.
Development of hazardous combustion gases or vapors possible in the event of fire.

Advice for firefighters
Special protective equipment for fire-fighters
Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

Further information
Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Advice for non-emergency personnel: Avoid substance contact. Do not breathe vapors, aerosols. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert.

Advice for emergency responders:
Protective equipment see section 8.

Environmental precautions
Do not let product enter drains. Risk of explosion.

Methods and materials for containment and cleaning up
Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.
SECTION 7. Handling and storage

Precautions for safe handling
Observe label precautions.

Work under hood. Do not inhale substance/mixture. Avoid generation of vapors/aerosols.

Advice on protection against fire and explosion
Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition.

Store at room temperature.

SECTION 8. Exposure controls/personal protection

Exposure limit(s)

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Basis</th>
<th>Value</th>
<th>Threshold limits</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol 64-17-5</td>
<td>ACGIH</td>
<td>Short Term Exposure Limit (STEL):</td>
<td>1,000 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>NIOSH/GUIDE</td>
<td>Recommended exposure limit (REL):</td>
<td>1,000 ppm, 1,900 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA_TRANS</td>
<td>PEL:</td>
<td>1,000 ppm, 1,900 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Z1A</td>
<td>Time Weighted Average (TWA):</td>
<td>1,000 ppm, 1,900 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

methanol 67-56-1
### Ethyl Alcohol, Denatured Anhydrous For Gas Chromatography and Residue Analysis OmniSolv®

<table>
<thead>
<tr>
<th>Source</th>
<th>Time Weighted Average (TWA):</th>
<th>Short Term Exposure Limit (STEL):</th>
<th>Skin designation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>200 ppm</td>
<td>250 ppm</td>
<td>Can be absorbed through the skin.</td>
</tr>
<tr>
<td>NIOSH/GUIDE</td>
<td>200 ppm</td>
<td>260 mg/m³</td>
<td>Can be absorbed through the skin.</td>
</tr>
<tr>
<td>OSHA_TRANS</td>
<td>200 ppm</td>
<td>260 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**Z1A**

**ethyl acetate 141-78-6**

<table>
<thead>
<tr>
<th>Source</th>
<th>Time Weighted Average (TWA):</th>
<th>Short Term Exposure Limit (STEL):</th>
<th>Skin designation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>400 ppm</td>
<td>1,400 mg/m³</td>
<td></td>
</tr>
<tr>
<td>NIOSH/GUIDE</td>
<td>400 ppm</td>
<td>1,400 mg/m³</td>
<td></td>
</tr>
<tr>
<td>OSHA_TRANS</td>
<td>400 ppm</td>
<td>1,400 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Z1A</td>
<td>400 ppm</td>
<td>1,400 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**4-methylpentan-2-one 108-10-1**

<table>
<thead>
<tr>
<th>Source</th>
<th>Time Weighted Average (TWA):</th>
<th>Short Term Exposure Limit (STEL):</th>
<th>Skin designation:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>20 ppm</td>
<td>75 ppm</td>
<td></td>
</tr>
<tr>
<td>NIOSH/GUIDE</td>
<td>50 ppm</td>
<td>205 mg/m³</td>
<td></td>
</tr>
<tr>
<td>OSHA_TRANS</td>
<td>75 ppm</td>
<td>300 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Z1A</td>
<td>50 ppm</td>
<td>205 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

**Engineering measures**

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.
**Individual protection measures**

Protective clothing should be selected specifically for the workplace, depending on concentration and quantity of the hazardous substances handled. The chemical resistance of the protective equipment should be inquired at the respective supplier.

**Hygiene measures**

Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance.

**Eye/face protection**

Safety glasses

**Hand protection**

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Other protective equipment:**

Flame retardant antistatic protective clothing

**Respiratory protection**

required when vapors/aerosols are generated.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

---

**SECTION 9. Physical and chemical properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>liquid</td>
</tr>
<tr>
<td>Color</td>
<td>colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>No strong odor known.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available.</td>
</tr>
<tr>
<td>pH</td>
<td>No information available.</td>
</tr>
<tr>
<td>Melting point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>52 °F (11 °C)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>No information available.</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available.</td>
</tr>
</tbody>
</table>
SECTION 10. Stability and reactivity

Reactivity
Vapors may form explosive mixture with air.

Chemical stability
The product is chemically stable under standard ambient conditions (room temperature).

Possibility of hazardous reactions
Risk of explosion/exothermic reaction with:
- hydrogen peroxide, perchlorates, perchloric acid, Nitric acid, mercury(II) nitrate, permanganic acid, Nitriles, peroxy compounds, Oxidizing agents, nitrosyl compounds, Peroxides, sodium, Potassium, halogen oxides, calcium hypochlorite, nitrogen dioxide, metallic oxides, uranium hexafluoride, iodides, Chlorine, Alkali metals, Alkaline earth metals, alkali oxides, Ethylene oxide, salts of oxyhalogenic acids, chromium(VI) oxide, nitrogen oxides, nonmetallic oxides, chromosulfuric acid, chlorates, hydrides, zinc diethyl, halogens, magnesium, acid halides, Acid anhydrides, Reducing agents, acids
- silver, with, Nitric acid
- silver compounds, with, Ammonia
- potassium permanganate, with, conc. sulfuric acid

Risk of ignition or formation of inflammable gases or vapors with:
- halogen-halogen compounds, chromyl chloride, Fluorine, Oxides of phosphorus, platinum
- Nitric acid, with, potassium permanganate

Conditions to avoid
Warming.

Incompatible materials
various plastics, magnesium, rubber, zinc alloys

Hazardous decomposition products
no information available

SECTION 11. Toxicological information

Information on toxicological effects

Likely route of exposure
Eye contact, Skin contact

Target Organs
Respiratory system
Central nervous system
Eyes
Skin
Liver
Blood
reproductive system
gastrointestinal tract
Kidneys

Acute oral toxicity
Acute toxicity estimate:  > 2,000 mg/kg
Calculation method

absorption
Symptoms: Nausea, Vomiting

Acute inhalation toxicity
Acute toxicity estimate:  > 20 mg/l; 4 h
Calculation method

absorption
Symptoms: Irritation symptoms in the respiratory tract.

Acute dermal toxicity
Acute toxicity estimate:  > 2,000 mg/kg
Calculation method

absorption

Skin irritation
Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Eye irritation
Irritations of mucous membranes

Carcinogenicity
Carcinogen classifications of IARC, NTP, California proposition 65 for Ethanol CAS 64-17-5 apply to beverage use only. This product is NOT intended for this use.
Specific target organ systemic toxicity - single exposure
Target Organs: Eyes
Mixture causes damage to organs.

Specific target organ systemic toxicity - repeated exposure
The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Aspiration hazard
Regarding the available data the classification criteria are not fulfilled.

Carcinogenicity

IARC
No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP
No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH
Confirmed animal carcinogen with unknown relevance to humans.

4-methylpentan-2-one 108-10-1

Further information
Systemic effects:
Headache, Dizziness, Drowsiness, narcosis, agitation, spasms, inebriation, euphoria, drop in blood pressure, acidosis, Impairment of vision, blindness, respiratory paralysis, Coma
Symptoms may be delayed.
Damage to:
Liver, Kidney, Cardiac, Irreversible damage of the optical nerve.
Other dangerous properties can not be excluded.
Handle in accordance with good industrial hygiene and safety practice.

Ingredients

ethanol

Acute oral toxicity
LD50 rat: 6,200 mg/kg (IUCLID)

Acute inhalation toxicity
LC50 rat: 95.6 mg/l; 4 h (RTECS)

Skin irritation
rabbit
Result: No irritation
OECD Test Guideline 404
Sensitization
Sensitization test (Magnusson and Kligman): Result: negative (IUCLID)

Germ cell mutagenicity
Genotoxicity in vitro
Ames test Salmonella typhimurium Result: negative (National Toxicology Program)

methanol

Acute oral toxicity
LDLO human: 143 mg/kg (RTECS)
LD50 rat: 5,628 mg/kg (IUCLID)

Acute inhalation toxicity
LC50 rat: 85.26 mg/l; 4 h (IUCLID)

Acute dermal toxicity
LD50 rabbit: ca. 17,100 mg/kg (External MSDS)

Sensitization
Sensitization test: guinea pig Result: negative (IUCLID)

Germ cell mutagenicity
Genotoxicity in vivo
Mutagenicity (mammal cell test): micronucleus. Result: negative (IUCLID)

Genotoxicity in vitro
Ames test Result: negative (IUCLID)

ethyl acetate

Acute oral toxicity
LD50 rat: 5,620 mg/kg (RTECS)

Acute inhalation toxicity
LC50 rat: 5.86 mg/l; 8 h (Lit.)

Acute dermal toxicity
LD50 rabbit: > 18,000 mg/kg (External MSDS)

Skin irritation
rabbit Result: No skin irritation (IUCLID)

Eye irritation
rabbit Result: slight irritation OECD Test Guideline 405
Sensitization
Maximization Test (GPMT) guinea pig
Result: negative
Method: OECD Test Guideline 406

Germ cell mutagenicity
Genotoxicity in vitro
Ames test
Salmonella typhimurium
Result: negative
Method: OECD Test Guideline 471

Mutagenicity (mammal cell test): chromosome aberration.
Result: negative
(National Toxicology Program)

4-methylpentan-2-one
Acute oral toxicity
LD50 rat: 2,080 mg/kg (RTECS)

Acute inhalation toxicity
LC50 rat: 8.3 - 16.6 mg/l; 4 h (External MSDS)

Acute dermal toxicity
LD50 rabbit: > 16,000 mg/kg (IUCLID)

Sensitization
Sensitization test (Magnusson and Kligman):
Result: negative
Method: OECD Test Guideline 406

Germ cell mutagenicity
Genotoxicity in vivo
Mutagenicity (mammal cell test): micronucleus.
Result: negative
(IUCLID)

Genotoxicity in vitro
Ames test
Result: negative
(IUCLID)

SECTION 12. Ecological information

Ecotoxicity
No information available.

Persistence and degradability
No information available.

Bioaccumulative potential
No information available.

Mobility in soil
No information available.

Ingredients
**SAFETY DATA SHEET**
according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

<table>
<thead>
<tr>
<th>Product number</th>
<th>Version</th>
<th>Product name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EX0278</td>
<td>1.2</td>
<td>Ethyl Alcohol, Denatured Anhydrous For Gas Chromatography and Residue Analysis OmniSolv®</td>
</tr>
</tbody>
</table>

**ethanol**

*Toxicity to fish*
- LC50 Leuciscus idus (Golden orfe): 8,140 mg/l; 48 h (IUCLID)

*Toxicity to daphnia and other aquatic invertebrates*
- EC5 E.sulcatum: 65 mg/l; 72 h (Lit.)

- EC50 Daphnia magna (Water flea): 9,268 - 14,221 mg/l; 48 h (IUCLID)

*Toxicity to algae*
- IC5 Scenedesmus quadricauda (Green algae): 5,000 mg/l; 7 d (Lit.)

*Toxicity to bacteria*
- EC5 Pseudomonas putida: 6,500 mg/l; 16 h (IUCLID)

**Biodegradability**
- 94 %
- OECD Test Guideline 301E
- Readily biodegradable.

*Biochemical Oxygen Demand (BOD)*
- 930 - 1,670 mg/g (5 d)
  - (Lit.)

*Theoretical oxygen demand (ThOD)*
- 2,100 mg/g
  - (Lit.)

*Ratio COD/ThBOD*
- 90 %
  - (Lit.)

Substance does not meets the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

**methanol**

*Toxicity to fish*
- LC50 Lepomis macrochirus (Bluegill sunfish): 15,400 mg/l; 96 h (in soft water) (ECOTOX Database)

*Toxicity to daphnia and other aquatic invertebrates*
- EC5 E.sulcatum: > 10,000 mg/l; 72 h (Lit.)

- EC50 Daphnia magna (Water flea): > 10,000 mg/l; 48 h (IUCLID)

*Toxicity to algae*
- EC50 Pseudokirchneriella subcapitata (green algae): ca. 22,000 mg/l; 96 h (External MSDS)

- IC5 Scenedesmus quadricauda (Green algae): 8,000 mg/l; 8 d (IUCLID)

*Toxicity to bacteria*
- EC5 Pseudomonas fluorescens: 6,600 mg/l; 16 h (IUCLID)

*Toxicity to fish (Chronic toxicity)*
- NOEC Oryzias latipes (Orange-red killifish): 7,900 mg/l; 200 h (External MSDS)
Biodegradability
99 %; 30 d
OECD Test Guideline 301D
Readily biodegradable.

**Biodegradability**

**Biochemical Oxygen Demand (BOD)**
600 - 1,120 mg/g (5 d)
(IUCLID)

**Chemical Oxygen Demand (COD)**
1,420 mg/g
(IUCLID)

**Theoretical oxygen demand (ThOD)**
1,500 mg/g
(Lit.)

**Ratio BOD/ThBOD**
BOD5 76 %
Closed Bottle test

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

**Stability in water**
2.2 yr
reaction with hydroxyl radicals (IUCLID)

**ethyl acetate**

**Toxicity to fish**
LC50 Pimephales promelas (fathead minnow): 230 mg/l; 96 h (IUCLID)

**Toxicity to daphnia and other aquatic invertebrates**
EC50 Daphnia magna (Water flea): 717 mg/l; 48 h (IUCLID)

**Toxicity to algae**
IC50 Desmodesmus subspicatus (green algae): 3,300 mg/l; 48 h (IUCLID)

**Toxicity to bacteria**
EC10 Pseudomonas putida: 2,900 mg/l; 16 h (IUCLID)

**Biodegradability**
100 %; 28 d
OECD Test Guideline 301D
Readily biodegradable.

**Theoretical oxygen demand (ThOD)**
1,820 mg/g
(Lit.)

Substance does not meet the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

**4-methylpentan-2-one**

**Toxicity to fish**
LC50 Pimephales promelas (fathead minnow): 505 - 540 mg/l; 96 h (IUCLID)
Toxicity to daphnia and other aquatic invertebrates
EC5 E.sulcatum: 447 mg/l; 72 h (maximum permissible toxic concentration) (Lit.)
EC50 Daphnia magna (Water flea): 170 mg/l; 48 h (IUCLID)

Toxicity to algae
IC5 Scenedesmus quadricauda (Green algae): 725 mg/l; 7 d (maximum permissible toxic concentration) (Lit.)
IC50 Pseudokirchneriella subcapitata (green algae): 400 mg/l; 96 h (IUCLID)

Toxicity to bacteria
EC50 Photobacterium phosphoreum: 80 mg/l; 5 min (maximum permissible toxic concentration) (Lit.)
EC5 Pseudomonas putida: 275 mg/l; 16 h (maximum permissible toxic concentration) (Lit.)

Biodegradability
99 %; 7 d
OECD Test Guideline 301E
Readily biodegradable.

Theoretical oxygen demand (ThOD)
2,720 mg/g
(Lit.)

Ratio COD/ThBOD
79 %
(Lit.)

Substance does not meets the criteria for PBT or vPvB according to Regulation (EC) No 1907/2006, Annex XIII.

SECTION 13. Disposal considerations
The information presented only applies to the material as supplied. The identification based on characteristic(s) or listing may not apply if the material has been used or otherwise contaminated. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations. Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14. Transport information
Land transport (DOT)
UN number UN 1170
Proper shipping name ETHANOL
Class 3
Packing group II
Environmentally hazardous --

Air transport (IATA)
SAFETY DATA SHEET
according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number: EX0278
Product name: Ethyl Alcohol, Denatured Anhydrous For Gas Chromatography and Residue Analysis OmniSolv®

UN number: UN 1170
Proper shipping name: ETHANOL
Class: 3
Packing group: II
Environmentally hazardous: --
Special precautions for user: no

Sea transport (IMDG)
UN number: UN 1170
Proper shipping name: ETHANOL
Class: 3
Packing group: II
Environmentally hazardous: --
Special precautions for user: yes
EmS: F-E S-D

SECTION 15. Regulatory information
United States of America

OSHA Hazards
Target organ effects
Toxic by inhalation.
Toxic by ingestion
Toxic by skin absorption
Eye irritant
Respiratory irritant
Flammable Liquid

This information is based on 29 CFR 1910.1200 criteria prior to adoption of the GHS, and may deviate from the GHS information on the label and in section 2.

SARA 311/312 Hazards
Acute Health Hazard
Chronic Health Hazard

SARA 313
The following components are subject to reporting levels established by SARA Title III, Section 313:

Ingredients
methanol 67-56-1 3.5 %
4-methylpentan-2-one 108-10-1 1 %

SARA 302
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A. 
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.

DEA List I
Not listed

DEA List II
Listed

Ingredients
4-methylpentan-2-one 108-10-1

US State Regulations

Massachusetts Right To Know
Ingredients
ethanol
methanol
ethyl acetate
4-methylpentan-2-one

Pennsylvania Right To Know
Ingredients
ethanol
methanol
ethyl acetate
4-methylpentan-2-one

New Jersey Right To Know
Ingredients
ethanol
methanol
ethyl acetate
4-methylpentan-2-one

California Prop 65 Components
WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.

Ingredients
methanol

Notification status
TSCA: All components of the product are listed in the TSCA-inventory.

DSL: All components of this product are on the Canadian DSL.

SECTION 16. Other information
SAFETY DATA SHEET
according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

Product number: EX0278
Product name: Ethyl Alcohol, Denatured Anhydrous For Gas Chromatography and Residue Analysis OmniSolv®

Training advice
Provide adequate information, instruction and training for operators.

Full text of H-Statements referred to under sections 2 and 3.
H225 Highly flammable liquid and vapor.
H371 May cause damage to organs.

Key or legend to abbreviations and acronyms used in the safety data sheet
Used abbreviations and acronyms can be looked up at www.wikipedia.org.

Revision Date: 05/09/2014

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to appropriate safety precautions. It does not represent a warranty of any product properties and we assume no liability for any loss or injury which may result from the use of this information. Users should conduct their own investigations to determine the suitability of the information.

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