



Denatured Alcohol Solvent

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 04/23/2018

Revision date: 04/23/2018

Supersedes: 03/06/2017

Version: 1.2

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Denatured Alcohol Solvent
Synonyms : Hydrocarbon Mixture; Version 2; Boat Stove Alcohol

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Industrial use
Solvent

1.3. Supplier

Atlanta Branch Office

Whitaker Oil Company
1557 Marietta Road NW
Atlanta, GA 30318
404-355-8220 (t)
404-355-2436 (f)

Ocoee Branch Office

Whitaker Oil Company
280 Enterprise Street
Ocoee, FL 34761
407-656.0088 (t)
407-877-8335 (f)

Spartanburg Branch Office

Whitaker Chemicals LLC
405 John Dodd Road
Spartanburg, SC 29303
864-578-6968 (t)
864-578-6864 (f)

WEBSITE: www.whitakeroil.com

EMAIL: SDS@whitakeroil.com

1.4. Emergency telephone number

Emergency number : **CHEMTREC** 800-424-9300

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

| | | |
|--|------|-----------------------------------|
| Flammable liquids Category 2 | H225 | Highly flammable liquid and vapor |
| Acute toxicity (oral) Category 3 | H301 | Toxic if swallowed |
| Acute toxicity (dermal) Category 3 | H311 | Toxic in contact with skin |
| Acute toxicity (inhalation:dust,mist) Category 3 | H331 | Toxic if inhaled |
| Skin corrosion/irritation Category 2 | H315 | Causes skin irritation |
| Serious eye damage/eye irritation Category 2A | H319 | Causes serious eye irritation |
| Serious eye damage/eye irritation Category 2B | H320 | Causes eye irritation |
| Specific target organ toxicity (single exposure) Category 3 | H336 | May cause drowsiness or dizziness |
| Specific target organ toxicity (single exposure) Category 3 | H335 | May cause respiratory irritation |
| Specific target organ toxicity (single exposure) Category 1 | H370 | Causes damage to organs |
| Hazardous to the aquatic environment - Acute Hazard Category 3 | H402 | Harmful to aquatic life |

Full text of H statements : see section 16

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2.2. GHS Label elements, including precautionary statements

GHS-US labeling

Hazard pictograms (GHS-US)



Signal word (GHS-US)

: Danger

Hazard statements (GHS-US)

: H225 - Highly flammable liquid and vapor
H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H320 - Causes eye irritation
H335 - May cause respiratory irritation
H336 - May cause drowsiness or dizziness
H370 - Causes damage to organs
H402 - Harmful to aquatic life

Precautionary statements (GHS-US)

: P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 dust, fume, gas, mist, spray, vapors
P264 - Wash Skin thoroughly after handling
P270 - Do not eat, drink or smoke when using this product
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P280 - Wear eye protection, face protection, protective clothing, protective gloves
P301+P310 - If swallowed: Immediately call a POISON CENTER or doctor/physician
P302+P352 - If on skin: Wash immediately with plenty of soap and water
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/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
P307+P311 - If exposed: Call a poison center/doctor
P312 - Call a POISON CENTER or doctor/physician if you feel unwell
P330 - Rinse mouth
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P361 - Take off immediately all contaminated clothing
P362+P364 - Take off contaminated clothing and wash it before reuse
P363 - Wash contaminated clothing before reuse
P370+P378 - In case of fire: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish
P403+P233 - Store in a well-ventilated place. Keep container tightly closed
P235 - Keep cool
P405 - Store locked up
P501 - Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

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| Name | Product identifier | % | GHS-US classification |
|-----------------------|--------------------|---------|--|
| Ethanol | (CAS-No.) 64-17-5 | <= 66.5 | Flam. Liq. 2, H225; Eye Irrit. 2A, H319 |
| Methanol | (CAS-No.) 67-56-1 | 30 - 40 | Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:dust,mist), H331 STOT SE 1, H370 |
| N-Propyl Acetate | (CAS-No.) 109-60-4 | 1 - 10 | Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336 |
| Isopropyl Alcohol 99% | (CAS-No.) 67-63-0 | <= 3.5 | Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336 |

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

- First-aid measures general : Call a physician immediately.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a doctor.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Rinse mouth. Call a physician immediately.

4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects : May cause drowsiness or dizziness.
- Symptoms/effects after inhalation : May cause respiratory irritation.
- Symptoms/effects after skin contact : Irritation.
- Symptoms/effects after eye contact : Eye irritation. Mild eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

- Fire hazard : Containers can build up pressure if exposed to heat and/ or fire. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of fire. Vapors will form an explosive mixture with air. Vapors will travel to a source of ignition and flash back.
- Reactivity : Highly flammable liquid and vapor.

5.3. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : No open flames, no sparks, and no smoking. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and clothing.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

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Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.

Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Ethanol (64-17-5) | | |
|-------------------|------------------|--|
| ACGIH | ACGIH STEL (ppm) | 1000 ppm (Ethanol ; USA ; Short time value ; TLV-Adopted value |

| Isopropyl Alcohol 99% (67-63-0) | | |
|---------------------------------|------------------|---------|
| ACGIH | ACGIH TWA (ppm) | 200 ppm |
| ACGIH | ACGIH STEL (ppm) | 400 ppm |

| Methanol (67-56-1) | | |
|--------------------|------------------|---------|
| ACGIH | ACGIH TWA (ppm) | 200 ppm |
| ACGIH | ACGIH STEL (ppm) | 250 ppm |

| N-Propyl Acetate (109-60-4) | | |
|-----------------------------|-------------------------------------|-----------------------|
| ACGIH | Local name | n-Propyl acetate |
| ACGIH | ACGIH TWA (ppm) | 200 ppm |
| ACGIH | ACGIH STEL (ppm) | 250 ppm |
| ACGIH | Remark (ACGIH) | Eye & URT irr |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 840 mg/m ³ |
| OSHA | OSHA PEL (TWA) (ppm) | 200 ppm |

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

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Respiratory protection:

If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|-------------------------|
| Physical state | : Liquid |
| Color | : Clear; colorless |
| Odor | : Sweet solvent odor |
| Odor threshold | : No data available |
| pH | : No data available |
| Melting point/ Freezing point | : -129 °F |
| Boiling point | : 168 °F |
| Flash point | : 54 °F |
| Relative evaporation rate (butyl acetate=1) | : 2.5 |
| Flammability limits | : Lower: 4 Upper: 20 |
| Vapor pressure | : 32 mmHg |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : No data available |
| Specific gravity / density | : 0.8 |
| Solubility | : Complete |
| Log Pow | : No data available |
| Auto-ignition temperature | : 797 °F |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosion limits | : No data available |
| Explosive properties | : No data available |
| Volatile | : 100% |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Highly flammable liquid and vapor.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

Strong oxidizing agents, strong reducing agents, strong bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|---|
| Acute toxicity (oral) | : Oral: Toxic if swallowed. |
| Acute toxicity (dermal) | : Dermal: Toxic in contact with skin. |
| Acute toxicity (inhalation) | : Inhalation:dust,mist: Toxic if inhaled. |

| | |
|---------------|-----------------------|
| ATE US (oral) | 250 mg/kg body weight |
|---------------|-----------------------|

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| | |
|---------------------|-----------------------|
| ATE US (dermal) | 750 mg/kg body weight |
| ATE US (dust, mist) | 0.5 mg/l/4h |

Isopropyl Alcohol 99% (67-63-0)

| | |
|---------------------------|--|
| LD50 oral rat | 5840 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Experimental value) |
| LD50 dermal rabbit | 16400 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Experimental value) |
| LC50 inhalation rat (ppm) | > 10000 ppm (Equivalent or similar to OECD 403, 6 h, Rat, Male/female, Experimental value) |
| ATE US (oral) | 5840 mg/kg body weight |
| ATE US (dermal) | 13120 mg/kg body weight |

Methanol (67-56-1)

| | |
|----------------------------|---|
| LD50 oral rat | 1187 - 2769 mg/kg body weight (BASF test, Rat, Male/female, Weight of evidence) |
| LD50 dermal rabbit | 17100 mg/kg (Rabbit, Inconclusive, insufficient data) |
| LC50 inhalation rat (mg/l) | 128.2 mg/l air (BASF test, 4 h, Rat, Male/female, Weight of evidence) |
| ATE US (oral) | 100 mg/kg body weight |
| ATE US (dermal) | 300 mg/kg body weight |
| ATE US (gases) | 64000 ppmV/4h |
| ATE US (vapors) | 85 mg/l/4h |
| ATE US (dust, mist) | 0.5 mg/l/4h |

N-Propyl Acetate (109-60-4)

| | |
|--------------------|------------------------|
| LD50 oral rat | 9370 mg/kg (Rat) |
| LD50 dermal rabbit | > 17700 mg/kg (Rabbit) |
| ATE US (oral) | 9370 mg/kg body weight |

| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye irritation. Causes eye irritation. |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |

Isopropyl Alcohol 99% (67-63-0)

| | |
|------------|----------------------|
| IARC group | 3 - Not classifiable |
|------------|----------------------|

| | |
|--|---|
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity – single exposure | : May cause drowsiness or dizziness. May cause respiratory irritation. Causes damage to organs. |

Isopropyl Alcohol 99% (67-63-0)

| | |
|--|------------------------------------|
| Specific target organ toxicity – single exposure | May cause drowsiness or dizziness. |
|--|------------------------------------|

Methanol (67-56-1)

| | |
|--|--|
| Specific target organ toxicity – single exposure | Causes damage to organs (eyes, Skin, respiratory system, central nervous system, digestive system) (oral). |
|--|--|

N-Propyl Acetate (109-60-4)

| | |
|--|------------------------------------|
| Specific target organ toxicity – single exposure | May cause drowsiness or dizziness. |
|--|------------------------------------|

| | |
|--|------------------|
| Specific target organ toxicity – repeated exposure | : Not classified |
|--|------------------|

| | |
|-------------------------------------|--|
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Symptoms/effects | : May cause drowsiness or dizziness. |
| Symptoms/effects after inhalation | : May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Irritation. |
| Symptoms/effects after eye contact | : Eye irritation. Mild eye irritation. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|----------------------------|
| Ecology - general | : Harmful to aquatic life. |
|-------------------|----------------------------|

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| Isopropyl Alcohol 99% (67-63-0) | |
|--|--|
| LC50 fish 1 | 9640 - 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value) |
| Methanol (67-56-1) | |
| LC50 fish 1 | 15400 mg/l (EPA 660/3 - 75/009, 96 h, Lepomis macrochirus, Flow-through system, Fresh water, Experimental value) |
| EC50 Daphnia 1 | 18260 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 96 h, Daphnia magna, Semi-static system, Fresh water, Experimental value) |
| ErC50 (algae) | 22000 mg/l (OECD 201: Alga, Growth Inhibition Test, 96 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value) |
| N-Propyl Acetate (109-60-4) | |
| LC50 fish 1 | 56 - 64 mg/l (96 h, Pimephales promelas, Static system) |
| EC50 Daphnia 1 | 318 mg/l (24 h, Daphnia magna) |

12.2. Persistence and degradability

| Isopropyl Alcohol 99% (67-63-0) | |
|--|--|
| Persistence and degradability | Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 1.19 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 2.23 g O ₂ /g substance |
| ThOD | 2.4 g O ₂ /g substance |
| Methanol (67-56-1) | |
| Persistence and degradability | Biodegradable in the soil. Readily biodegradable in water. |
| Biochemical oxygen demand (BOD) | 0.6 - 1.12 g O ₂ /g substance |
| Chemical oxygen demand (COD) | 1.42 g O ₂ /g substance |
| ThOD | 1.5 g O ₂ /g substance |
| N-Propyl Acetate (109-60-4) | |
| Persistence and degradability | Readily biodegradable in water. |
| ThOD | 2.04 g O ₂ /g substance |
| BOD (% of ThOD) | 0.62 |

12.3. Bioaccumulative potential

| Isopropyl Alcohol 99% (67-63-0) | |
|--|---|
| Log Pow | 0.05 (Weight of evidence approach, 25 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |
| Methanol (67-56-1) | |
| BCF fish 1 | 1 - 4.5 (72 h, Cyprinus carpio, Static system, Fresh water, Experimental value) |
| Log Pow | -0.77 (Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |
| N-Propyl Acetate (109-60-4) | |
| BCF fish 1 | 2.4 - 5.1 (Pisces) |
| Log Pow | 1.23 - 1.60 |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |

12.4. Mobility in soil

| Isopropyl Alcohol 99% (67-63-0) | |
|--|---|
| Surface tension | 0.021 N/m (25 °C) |
| Ecology - soil | No (test)data on mobility of the substance available. |
| Methanol (67-56-1) | |
| Surface tension | 0.023 N/m (20 °C) |
| Log Koc | -0.89 - -0.21 (log Koc, Calculated value) |
| Ecology - soil | Highly mobile in soil. |
| N-Propyl Acetate (109-60-4) | |
| Surface tension | 0.024 N/m (20 °C) |

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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information : Flammable vapors may accumulate in the container.

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
Packing group (DOT) : II - Medium Danger
Hazard labels (DOT) : 3 - Flammable liquid



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 : 5 L
(49 CFR 173.27)
DOT Quantity Limitations Cargo aircraft only (49 : 60 L
CFR 175.75)
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.

Other information : No supplementary information available.

Transportation of Dangerous Goods

Transport by sea

Transport document description (IMDG) : UN 1987 ALCOHOLS, N.O.S., 3, II
UN-No. (IMDG) : 1987

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| | |
|-----------------------------|--|
| Proper Shipping Name (IMDG) | : ALCOHOLS, N.O.S. |
| Class (IMDG) | : 3 - Flammable liquids |
| Packing group (IMDG) | : II - substances presenting medium danger |
| Limited quantities (IMDG) | : 1 L |

Air transport

| | |
|---------------------------------------|-----------------------------------|
| Transport document description (IATA) | : UN 1987 Alcohols, n.o.s., 3, II |
| UN-No. (IATA) | : 1987 |
| Proper Shipping Name (IATA) | : Alcohols, n.o.s. |
| Class (IATA) | : 3 - Flammable Liquids |
| Packing group (IATA) | : II - Medium Danger |

SECTION 15: Regulatory information

15.1. US Federal regulations

| Denatured Alcohol Solvent | |
|--|---|
| SARA Section 311/312 Hazard Classes | Physical hazard - Flammable (gases, aerosols, liquids, or solids) Health hazard - Acute Health hazard - Chronic |
| RQ (Reportable quantity, section 304 of EPA's List of Lists) | 15,187 lb |

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

| | | |
|-----------------------|-----------------|----------|
| Isopropyl Alcohol 99% | CAS-No. 67-63-0 | <= 3.5% |
| Methanol | CAS-No. 67-56-1 | 30 - 40% |

| Isopropyl Alcohol 99% (67-63-0) | |
|-------------------------------------|--|
| SARA Section 311/312 Hazard Classes | Health hazard - Serious eye damage or eye irritation |
| Methanol (67-56-1) | |
| CERCLA RQ | 5000 lb |

15.2. International regulations

CANADA

| Isopropyl Alcohol 99% (67-63-0) | |
|---|--|
| Listed on the Canadian DSL (Domestic Substances List) | |
| N-Propyl Acetate (109-60-4) | |
| Listed on the Canadian DSL (Domestic Substances List) | |


EU-Regulations

No additional information available

National regulations

No additional information available

15.3. US State regulations

 **WARNING:** This product can expose you to Methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

| Component | Carcinogenicity | Developmental toxicity | Reproductive toxicity male | Reproductive toxicity female | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
|-------------------|-----------------|------------------------|----------------------------|------------------------------|----------------------------------|-------------------------------------|
| Methanol(67-56-1) | | X | | | | |

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| Component | State or local regulations |
|--------------------------------|---|
| Isopropyl Alcohol 99%(67-63-0) | U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |
| Methanol(67-56-1) | 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 |
| N-Propyl Acetate (109-60-4) | U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List |

SECTION 16: Other information

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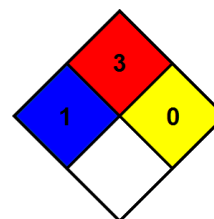
Full text of H-phrases:

| | |
|------|-----------------------------------|
| H225 | Highly flammable liquid and vapor |
| H301 | Toxic if swallowed |
| H311 | Toxic in contact with skin |
| H315 | Causes skin irritation |
| H319 | Causes serious eye irritation |
| H320 | Causes eye irritation |
| H331 | Toxic if inhaled |
| H335 | May cause respiratory irritation |
| H336 | May cause drowsiness or dizziness |
| H370 | Causes damage to organs |
| H402 | Harmful to aquatic life |

NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard : 3 - Liquids and solids (including finely divided suspended solids) that can be ignited under almost all ambient temperature conditions.

NFPA reactivity : 0 - Material that in themselves are normally stable, even under fire conditions.



SDS US (GHS HazCom 2012)

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