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|--|---|
| Response | If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If in eyes: 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. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. In case of fire: Use appropriate media to extinguish. |
| Storage | Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. |
| Disposal | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazard(s) not otherwise classified (HNOC) | No additional hazards are known to be associated with the expected conditions of use at the time of publication. This document does not address hazards that may arise from uses not reasonably anticipated by the manufacturer. |
| Supplemental information | Although the product as a whole is in solid format, the product does not meet the OSHA HCS definition of a flammable solid as per Appendix B to 1910.1200 - Physical Hazard Criteria, section B.7.1 and B. 7.2. |

3. Composition/information on ingredients

Mixtures

| Chemical name | CAS number | % |
|--|------------|----|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling | 68410-97-9 | 85 |
| Propan-2-ol | 67-63-0 | 15 |

Composition comments All concentrations are in percent by weight.

4. First-aid measures

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| Inhalation | Not relevant, due to the form of the product. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a physician if symptoms develop or persist. |
| Skin contact | Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists. |
| Eye contact | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. |
| Ingestion | Not relevant, due to the form of the product. However: If swallowed, seek medical advice immediately and show this container or label. Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| Most important symptoms/effects, acute and delayed | Aspiration may cause pulmonary edema and pneumonitis. Narcosis. Dizziness. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| General information | Take off all contaminated clothing immediately. If you feel sick, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

5. Fire-fighting measures

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| Suitable extinguishing media | Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO ₂). |
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | May burn with invisible flame. Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed. Carbon oxides. Nitrogen oxides. Organic compounds. |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire fighting equipment/instructions | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Water runoff can cause environmental damage. |

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards Solid containing flammable liquid.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains. The liquid solvent solution is miscible in water. Spills are very unlikely, because the wiper fabric has absorbed the liquid solvent solution. In the event of a spill, contain with an inert absorbent. Collect the wipes with a non sparking tool and absorb or wipe any residual liquids. Used wipes must be disposed in a closed container.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling WARNING! Used wipes may catch fire if improperly discarded or stored near ignition sources. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Avoid breathing mist/vapors. Avoid contact with eyes. Avoid prolonged exposure. When using do not smoke. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store locked up. Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)

| Components | Type | Value | Form |
|---|------|----------------------------------|-------|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9) | PEL | 5 mg/m ³ | Mist. |
| Propan-2-ol (CAS 67-63-0) | PEL | 980 mg/m ³ 400 ppm | |

US. ACGIH Threshold Limit Values (TLV)

| Components | Type | Value | Form |
|---|-------------|---------------------|---------------------|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9) | TWA | 5 mg/m ³ | Inhalable fraction. |
| Propan-2-ol (CAS 67-63-0) | STEL TWA | 400 ppm 200 ppm | |

NIOSH. Immediately Dangerous to Life or Health (IDLH) Values, as amended

| Components | Type | Value |
|---|------|------------|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9) | IDLH | 2500 mg/m3 |
| Propan-2-ol (CAS 67-63-0) | IDLH | 2000 ppm |

US. NIOSH: Pocket Guide to Chemical Hazards

| Components | Type | Value | Form |
|---|------|------------|-------|
| Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9) | STEL | 10 mg/m3 | Mist. |
| | TWA | 5 mg/m3 | Mist. |
| Propan-2-ol (CAS 67-63-0) | STEL | 1225 mg/m3 | |
| | | 500 ppm | |
| | TWA | 980 mg/m3 | |
| | | 400 ppm | |

Biological limit values**ACGIH Biological Exposure Indices (BEI)**

| Components | Value | Determinant | Specimen | Sampling Time |
|---------------------------|---------|-------------|----------|---------------|
| Propan-2-ol (CAS 67-63-0) | 40 mg/l | Acetone | Urine | * |

* - For sampling details, please see the source document.

Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

Individual protection measures, such as personal protective equipment

Eye/face protection Not necessary under normal conditions. If splashing is possible, wear safety glasses with side shields (or goggles).

Skin protection**Hand protection**

Wear appropriate chemical resistant gloves. Take note of the information given by the manufacturer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Recommended materials: Neoprene. Polyvinyl chloride (PVC). Polyethylene. Chlorinated polyethylene (or Chlorosulfonated polyethylene). Natural rubber. Nitrile rubber/Nitrile latex - NBR. Ethyl vinyl alcohol laminate ("EVAL").
Unsuitable materials: Polyvinyl alcohol (PVA).

Skin protection**Other**

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Respiratory protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Chemical respirator with organic vapor cartridge and full facepiece. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134. Follow OSHA respirator regulations (29CFR 1910.134) and use NIOSH/MSHA approved respirators.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties

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| Physical state | Solid. |
| Form | Wipes saturated with liquid. |
| Color | Clear. |

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| Odor | Slight. |
| Odor threshold | Property has not been measured. |
| Melting point/freezing point | Property has not been measured. |
| Boiling point or initial boiling point and boiling range | 285.8 °F (141 °C) (liquid) |
| Flammability | Solid containing highly flammable liquid. |
| Upper/lower flammability or explosive limits | |
| Explosive limit - lower (%) | 1 (liquid) |
| Explosive limit - upper (%) | 7 (liquid) |
| Flash point | 89.96 °F (32.2 °C) (liquid) |
| Auto-ignition temperature | Property has not been measured. |
| Decomposition temperature | Property has not been measured. |
| pH | Property has not been measured. |
| Kinematic viscosity | Property has not been measured. |
| Solubility | |
| Solubility (water) | < 0.1 % Insoluble in water. (liquid) |
| Partition coefficient (n-octanol/water) | Property has not been measured. |
| Vapor pressure | Property has not been measured. |
| Density and/or relative density | |
| Relative density | 0.78 (liquid) |
| Vapor density | 3 (Air=1) (Relative Vapor Density) (liquid) |
| Particle characteristics | Not applicable (product is a liquid). |
| Other information | |
| Evaporation rate | < 1 (n-Butyl Acetate = 1) (liquid) |
| Explosive properties | Not explosive. |
| Oxidizing properties | Not oxidizing. |
| Viscosity | Property has not been measured. |

10. Stability and reactivity

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| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability | Material is stable under normal conditions. |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use. |
| Conditions to avoid | Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong acids. Strong oxidizing agents. Strong alkalis. |
| Hazardous decomposition products | At elevated temperatures: Ketones. Aldehydes. |

11. Toxicological information

Information on likely routes of exposure

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|---------------------|---|
| Inhalation | May cause drowsiness or dizziness. Headache. Nausea, vomiting. |
| Skin contact | Prolonged skin contact may cause temporary irritation. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Not relevant, due to the form of the product. However: May be harmful if swallowed. |

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| Symptoms related to the physical, chemical and toxicological characteristics | Aspiration may cause pulmonary edema and pneumonitis. Narcosis. Dizziness. Behavioral changes. Decrease in motor functions. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. |
|---|---|

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. In high concentrations, vapors are anesthetic and may cause headache, fatigue, dizziness and central nervous system effects.

| Product | Species | Test Results |
|---|----------------|---------------------|
| Contec® PROSAT® 85/15 VMP/IPA (CAS Mixture) | | |
| Acute | | |
| Oral | | |
| ATEmix | | 4710 mg/kg bw |

| Components | Species | Test Results |
|---------------------------|----------------|---------------------|
| Propan-2-ol (CAS 67-63-0) | | |
| Acute | | |
| Dermal | | |
| LD50 | Rabbit | 12870 mg/kg |
| Inhalation | | |
| <i>Vapor</i> | | |
| LC50 | Rat | 72.6 mg/l, 4 hours |
| Oral | | |
| LD50 | Rat | 4710 mg/kg |

Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not a respiratory sensitizer.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity Not classifiable as to carcinogenicity to humans.

IARC Monographs. Overall Evaluation of Carcinogenicity

Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9) 3 Not classifiable as to carcinogenicity to humans.

Propan-2-ol (CAS 67-63-0) 3 Not classifiable as to carcinogenicity to humans.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Reproductive toxicity This product is not expected to cause reproductive or developmental effects.

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

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard May be fatal if swallowed and enters airways. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Chronic effects Prolonged inhalation may be harmful.

Further information No data available.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

| Components | Species | Test Results |
|---------------------------|---------|---|
| Propan-2-ol (CAS 67-63-0) | | |
| Aquatic | | |
| <i>Acute</i> | | |
| Crustacea | LC50 | Daphnia magna > 10000 mg/l, 24 hours |
| Fish | LC50 | Pimephales promelas 9640 mg/l, 96 hours |
| <i>Chronic</i> | | |
| Crustacea | EC50 | Daphnia magna > 100 mg/l, 21 days |
| | NOEC | Daphnia magna 141 mg/l, 16 days |
| | | 30 mg/l, 21 days |

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

Propan-2-ol (CAS 67-63-0) 0.05

Mobility in soil The product contains substances, which are water soluble and may spread in water systems.

Other adverse effects None known.

13. Disposal considerations

Disposal instructions Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations. Used wipes must be disposed in a closed container. Dispose of used wipes by dry waste to landfill.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code D001: Waste Flammable material with a flash point <140 F
The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues / unused products Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14. Transport information

DOT

UN number UN1993
UN proper shipping name Flammable liquids, n.o.s. (Petroleum Distillates, Isopropanol)
Transport hazard class(es)
Class 3
Subsidiary hazard -
Label(s) 3
Packing group III
Environmental hazards
Marine pollutant No.
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.
Special provisions B1, B52, IB3, T4, TP1, TP29
Packaging exceptions 150
Packaging non bulk 203
Packaging bulk 242

IATA

UN number -
UN proper shipping name IATA: Not permitted for transport.
Transport hazard class(es)
Class -
Subsidiary hazard -
Packing group -
Environmental hazards No.

Special precautions for user IATA classification is not relevant as the material is not transported by air.

IMDG

UN number UN1993
UN proper shipping name FLAMMABLE LIQUID, N.O.S. (Petroleum Distillates, Isopropanol)
Transport hazard class(es)
Class 3
Subsidiary hazard -
Packing group III
Environmental hazards
Marine pollutant No.
EmS F-E, S-E
Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to IMO instruments Not established.

IMO instruments

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA) All components of the mixture on the TSCA 8(b) inventory are designated "active".

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Propan-2-ol (CAS 67-63-0)

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

Classified hazard categories Flammable (gases, aerosols, liquids, or solids)
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)
Aspiration hazard

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
| Propan-2-ol | 67-63-0 | 15 |

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

Propan-2-ol (CAS 67-63-0) Low priority

US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)

Propan-2-ol (CAS 67-63-0)

US. Massachusetts RTK - Substance List

Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)
Propan-2-ol (CAS 67-63-0)

US. New Jersey Worker and Community Right-to-Know Act

Propan-2-ol (CAS 67-63-0)

US. Pennsylvania Worker and Community Right-to-Know Law

Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)
Propan-2-ol (CAS 67-63-0)

US. Rhode Island RTK

Distillates (petroleum), light distillate hydrotreating process, low-boiling (CAS 68410-97-9)
Propan-2-ol (CAS 67-63-0)

California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to www.P65Warnings.ca.gov.

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Industrial Chemicals (AICIS) | Yes |
| Canada | Domestic Substances List (DSL) | Yes |
| Canada | Non-Domestic Substances List (NDSL) | No |
| China | Inventory of Existing Chemical Substances in China (IECSC) | Yes |
| Europe | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes |
| Europe | European List of Notified Chemical Substances (ELINCS) | No |
| Japan | Inventory of Existing and New Chemical Substances (ENCS) | No |
| Korea | Existing Chemicals List (ECL) | Yes |
| New Zealand | New Zealand Inventory | Yes |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances (PICCS) | Yes |
| Taiwan | Taiwan Chemical Substance Inventory (TCSI) | Yes |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | Yes |

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 15-December-2022

Revision date 28-May-2026

Version # 04

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