

SAFETY DATA SHEET

1. Identification

| Product identifier | METHYL ETHYL KETONE, VERITAS® ULTIMATE | | |
|---------------------------------|---|-----------------------|--|
| Other means of identification | | | |
| Product code | 5572 | | |
| CAS number | 78-93-3 | | |
| Synonyms | 2-BUTANONE * ETHYL MET | HYL KETONE * MEK | |
| Recommended use | solvent technical function of substance, professional, scientific and technical activities: other professional, scientific and technical activities | | |
| Recommended restrictions | None known. | | |
| Manufacturer/Importer/Suppl | lier/Distributor informatio | n | |
| Manufacturer | | | |
| Company name | GFS Chemicals, Inc. | | |
| Address | 800 Kaderly Drive | | |
| | Columbus, OH 43228 | | |
| | United States | | |
| Telephone | Phone | 740-881-5501 | |
| | Toll Free | 800-858-9682 | |
| | Fax | 740-881-5989 | |
| Website | www.gfschemicals.com | | |
| E-mail | service@gfschemicals.com | | |
| Emergency phone number | Emergency Assistance | Chemtrec 800-424-9300 | |
| 2. Hazard(s) identificatio | n | | |

| Physical hazards | Flammable liquids | Category 2 |
|-----------------------|---|---|
| Health hazards | Serious eye damage/eye irritation | Category 2 |
| | Reproductive toxicity | Category 2 |
| | Specific target organ toxicity, single exposure | Category 3 respiratory tract irritation |
| | Specific target organ toxicity, single exposure | Category 3 narcotic effects |
| Environmental hazards | Not classified. | |
| OSHA defined hazards | Not classified. | |
| Label elements | | |
| | | |
| Signal word | Danger | |

| Signal word | Danger |
|-------------------------|---|
| Hazard statement | Highly flammable liquid and vapor. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of damaging fertility or the unborn child. |
| Precautionary statement | |
| Prevention | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. |
| Response | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish. |
| Storage | Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up. |

| Disposal | Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. |
|--|---|
| Hazard(s) not otherwise classified (HNOC) | Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion. |
| Supplemental information | None. |

3. Composition/information on ingredients

Substances

| Chemical name | Common name and synonyms | CAS number | % |
|---------------------|-----------------------------------|------------|-----|
| METHYL ETHYL KETONE | 2-BUTANONE ETHYL METHYL KETONE | 78-93-3 | 100 |
| | MEK | | |

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

| Inhalation | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell. |
|--|--|
| 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 | Rinse mouth. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. |
| 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 exposed or concerned: Get medical advice/attention. If you feel unwell, 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. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse. |
| 5. Fire-fighting measures | 5 |

| Suitable extinguishing media | Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only. |
|---|--|
| Unsuitable extinguishing media | Do not use water jet as an extinguisher, as this will spread the fire. |
| Specific hazards arising from the chemical | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed. |
| 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. |
| Specific methods | Use standard firefighting procedures and consider the hazards of other involved materials. |
| General fire hazards | Highly flammable liquid and vapor. |

6. Accidental release measures

| 6. Accidental release me | asures |
|---|---|
| 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. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. 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 | Stop leak if you can do so without risk. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Prevent entry into waterways, sewers, basements or confined areas. Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Clean contaminated surface thoroughly. Should not be released into the environment. Clean up in accordance with all applicable regulations. |
| | Large Spills: Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. After removal flush contaminated area thoroughly with water. Following product recovery, flush area with water. |
| | Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. |
| | Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. |
| Environmental precautions | Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination. |
| 7. Handling and storage | |
| Precautions for safe handling | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. |
| | For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code". |
| Conditions for safe storage, including any incompatibilities | Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS). |
| | |

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

| Material | Туре | Value | |
|--------------------------------------|------|-----------|--|
| METHYL ETHYL KETONE (CAS 78-93-3) | PEL | 590 mg/m3 | |
| | | 200 ppm | |
| | | | |

| US. ACGIH Threshold Lin | nit Values | | | |
|--|--|--|--|--|
| Material | Туре | | V | alue |
| METHYL ETHYL KETONE (CAS 78-93-3) | STEL | | 30 | 00 ppm |
| | TWA | | 20 | 00 ppm |
| US. NIOSH: Pocket Guide | e to Chemical Hazard | S | | |
| Material | Туре | | V | alue |
| METHYL ETHYL KETONE (CAS 78-93-3) | STEL | | 88 | 35 mg/m3 |
| | | | 30 | 00 ppm |
| | TWA | | 59 | 90 mg/m3 |
| | | | 20 | 00 ppm |
| Biological limit values | | | | |
| ACGIH Biological Exposu | re Indices | | | |
| Material | Value | Determinant | Specimen | Sampling Time |
| METHYL ETHYL KETONE (CAS 78-93-3) | 2 mg/l | MEK | Urine | * |
| * - For sampling details, ple | ase see the source docu | ument. | | |
| Appropriate engineering controls | Ventilation rates she exhaust ventilation, exposure limits. If e | ould be matched to or other engineerin exposure limits have ovide eyewash stati | conditions. If a g controls to m not been estal on and safety s | Good general ventilation should be used. applicable, use process enclosures, local naintain airborne levels below recommended blished, maintain airborne levels to an shower. An eye wash and safety shower must |
| Individual protection measures Eye/face protection | res, such as personal Wear safety glasses | | | |
| Skin protection Hand protection | Wear appropriate cl | nemical resistant glo | oves. | |
| Other | Wear appropriate cl | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended. | | |
| Respiratory protection | limits (where applic been established), a | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Chemical respirator with organic vapor | | |
| | cartridge. | | | |
| Thermal hazards | Wear appropriate the | Wear appropriate thermal protective clothing, when necessary. | | |
| General hygiene considerations | personal hygiene m | easures, such as wa | shing after ha | a using do not smoke. Always observe good ndling the material and before eating, ng and protective equipment to remove |
| 9. Physical and chemica | al properties | | | |
| Appearance | Clear. | | | |
| Physical state | Liquid. | | | |
| Form | Liquid. | | | |
| Color | Colorless. | | | |
| Odor | Strong. Characterist | ic. | | |
| Odor threshold | Not available. | | | |
| pН | Not available. | | | |
| Melting point/freezing point | -123.95 °F (-86.64 ° | °C) | | |
| Initial boiling point and boiling range | 175.26 °F (79.59 °C | • | | |
| Flash point | 15.8 °F (-9.0 °C) Cl 22.0 °F (-5.6 °C) Ta | | | |
| Evaporation rate | Not available. | · · | | |
| Flammability (solid, gas) | Not applicable. | | | |
| Upper/lower flammability or Flammability limit - lowe | explosive limits | | | |
| (%) | | | | |

| Flammability limit - upper (%) | 10 % |
|--|-------------------------------------|
| Explosive limit - lower (%) | Not available. |
| Explosive limit - upper (%) | Not available. |
| Vapor pressure | 12.08 kPa (77 °F (25 °C)) |
| Vapor density | 2.41 |
| Relative density | Not available. |
| Solubility(ies) | |
| Solubility (water) | 280 g/l |
| Partition coefficient (n-octanol/water) | 0.29 |
| Auto-ignition temperature | 759.2 °F (404 °C) |
| Decomposition temperature | Not available. |
| Viscosity | Not available. |
| Other information | |
| Density | 0.80 g/cm3 estimated at 20 °C |
| Dynamic viscosity | 0.41 mPa.s (68 °F (20 °C)) |
| Explosive properties | Not explosive. |
| Flammability class | Flammable IB estimated |
| Flash point class | Flammable IB |
| Heat of combustion (NFPA 30B) | 30.6 kJ/g |
| Kinematic viscosity | 0.5094 mm ² /s estimated |
| Molecular formula | C4-H8-O |
| Molecular weight | 72.11 g/mol |
| Oxidizing properties | Not oxidizing. |
| Percent volatile | 100 % |
| Specific gravity | 0.81 at 20 °C |
| Surface tension | 24.6 mN/m (68 °F (20 °C)) |
| VOC | 100 % |
| | |

10. Stability and reactivity

| Reactivity | The product is stable and non-reactive under normal conditions of use, storage and transport. |
|---------------------------------------|---|
| Chemical stability | Stable at normal conditions. |
| Possibility of hazardous reactions | Hazardous polymerization does not occur. |
| Conditions to avoid | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| Incompatible materials | Strong oxidizing agents. Amines. Ammonia. Caustics. Isocyanates. Strong acids, alkalies and oxidizing agents. |
| Hazardous decomposition products | Carbon oxides. |

11. Toxicological information

Information on likely routes of exposure

| Inhalation | May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause irritation to the respiratory system. Prolonged inhalation may be harmful. |
|--|---|
| Skin contact | No adverse effects due to skin contact are expected. |
| Eye contact | Causes serious eye irritation. |
| Ingestion | Expected to be a low ingestion hazard. |
| Symptoms related to the physical, chemical and toxicological characteristics | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause respiratory irritation. |

Information on toxicological effects

Acute toxicity

| | Species | | |
|---|---|--|--|
| METHYL ETHYL KETONE (CAS 78-9 | 93-3) | | |
| <u>Acute</u> | | | |
| Dermal | | | |
| LD50 | Rabbit | | > 8000 mg/kg |
| | | | > 8000 mg/kg |
| Inhalation | | | |
| LC50 | Mouse | | 11000 mg/l, 45 Minutes |
| | Rat | | 11700 mg/l, 4 Hours |
| | και | | 11700 mg/l, 4 nouis |
| Oral | Massa | | CTO |
| LD50 | Mouse | | 670 mg/kg |
| | Rat | | 4500 - 6800 mg/kg |
| | | | 2300 - 3500 mg/kg |
| | | | 2300 - 3500 mg/kg |
| Skin corrosion/irritation | Prolonaed « | skin contact may cause temporary irritat | ion |
| Serious eye damage/eye | - | ious eye irritation. | |
| irritation | | | |
| Respiratory or skin sensitization | on | | |
| Respiratory sensitization | | ratory sensitizer. | |
| Skin sensitization | | ct is not expected to cause skin sensitiza | tion |
| Germ cell mutagenicity | • | ailable to indicate product or any compo | |
| derm cen matagementy | | or genotoxic. | hends present at greater than 0.170 are |
| Carcinogenicity | - | able as to carcinogenicity to humans. | |
| | | | |
| IARC Monographs Overall | Evaluation | | |
| | | ces (29 CFR 1910.1001-1052) | |
| Not listed. | ed Substand | ces (29 CFR 1910.1001-1052) | |
| Not listed. OSHA Specifically Regulate Not regulated. US. National Toxicology Pr Not listed. | ed Substand ogram (NTI | ces (29 CFR 1910.1001-1052) | |
| Not listed. OSHA Specifically Regulate Not regulated. US. National Toxicology Pr | ed Substand ogram (NTI Suspected o | ces (29 CFR 1910.1001-1052) P) Report on Carcinogens | |
| Not listed. OSHA Specifically Regulated Not regulated. US. National Toxicology Pr Not listed. Reproductive toxicity Specific target organ toxicity | ed Substand ogram (NTI Suspected o | ces (29 CFR 1910.1001-1052) P) Report on Carcinogens of damaging fertility or the unborn child respiratory irritation. May cause drowsir | |
| Not listed. OSHA Specifically Regulate Not regulated. US. National Toxicology Pr Not listed. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure | ed Substand ogram (NTI Suspected May cause Not classifie | ces (29 CFR 1910.1001-1052) P) Report on Carcinogens of damaging fertility or the unborn child respiratory irritation. May cause drowsir ed. | |
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| Not listed. OSHA Specifically Regulate Not regulated. US. National Toxicology Pr Not listed. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard | ed Substand ogram (NTI Suspected May cause Not classifie Not an aspi Prolonged i | ces (29 CFR 1910.1001-1052) P) Report on Carcinogens of damaging fertility or the unborn child respiratory irritation. May cause drowsir ed. iration hazard. | |
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| Not listed. OSHA Specifically Regulate Not regulated. US. National Toxicology Pr Not listed. Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Chronic effects | ed Substand ogram (NTI Suspected of May cause Not classifie Not an aspi Prolonged i n The produce | ces (29 CFR 1910.1001-1052) P) Report on Carcinogens of damaging fertility or the unborn child respiratory irritation. May cause drowsir ed. iration hazard. inhalation may be harmful. ct is not classified as environmentally haz | ess and dizziness. zardous. However, this does not exclude the |
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13. Disposal considerations

| Disposal instructions | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations. |
|--|--|
| Local disposal regulations | Dispose in accordance with all applicable regulations. |
| Hazardous waste code | D001: Waste Flammable material with a flash point <140 F D035: Waste Methyl ethyl ketone The waste code should be assigned in discussion between the user, the producer and the waste disposal company. |
| US RCRA Hazardous Wast | e U List: Reference |
| METHYL ETHYL KETONE | (CAS 78-93-3) U159 |
| 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 (see: Disposal |

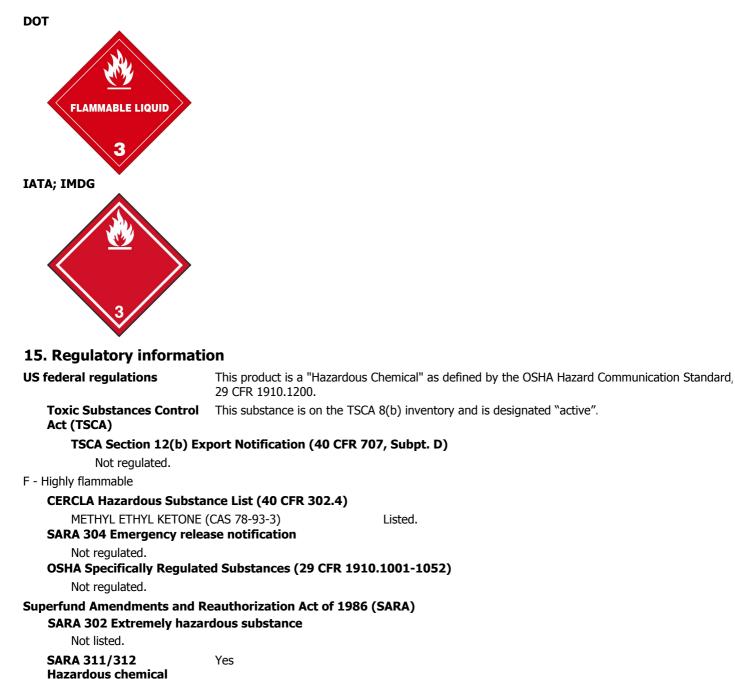
Contaminated packaging

- - -

residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). 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.

14. Transport information

| DOT | |
|--|---|
| UN number | UN1193 |
| UN proper shipping name | Methyl ethyl ketone |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Label(s) | 3 |
| Packing group | П |
| Special precautions for | Read safety instructions, SDS and emergency procedures before handling. |
| user | |
| Special provisions | IB2, T4, TP1 |
| Packaging exceptions | 150 |
| Packaging non bulk | 202 |
| Packaging bulk | 242 |
| IATA | |
| UN number | UN1193 |
| UN proper shipping name | Methyl ethyl ketone |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | |
| Packing group | П |
| Environmental hazards | No. |
| ERG Code | 3L |
| Special precautions for | Read safety instructions, SDS and emergency procedures before handling. |
| user | |
| Other information | |
| Passenger and cargo | Allowed with restrictions. |
| aircraft | |
| Cargo aircraft only | Allowed with restrictions. |
| IMDG | |
| UN number | UN1193 |
| UN proper shipping name | ETHYL METHYL KETONE |
| Transport hazard class(es) | |
| Class | 3 |
| Subsidiary risk | - |
| Packing group | Π |
| Environmental hazards | |
| Marine pollutant | No. |
| EmS | F-E, S-D |
| Special precautions for | Read safety instructions, SDS and emergency procedures before handling. |
| user | |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not established. |



| Classified hazard categories | Flammable (gases, aerosols, liquids, or solids) Serious eye damage or eye irritation |
|---------------------------------|--|
| categories | Reproductive toxicity |
| | Specific target organ toxicity (single or repeated exposure) Hazard not otherwise classified (HNOC) |
| | |

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

| Clean Air Act (CAA) Sectio | n 112 Hazardous Air Po | ollutants (HAPs) List | |
|--|--------------------------|-----------------------|--|
| Not regulated. | | | |
| Clean Air Act (CAA) Sectio | n 112(r) Accidental Rel | ease Prevention (40 | CFR 68.130) |
| Not regulated. | | | |
| Safe Drinking Water Act (SDWA) | Not regulated. | | |
| Drug Enforcement Adı and Chemical Code Nu | `` | 2, Essential Chemic | als (21 CFR 1310.02(b) and 1310.04(f)(2) |
| METHYL ETHYL KET | ONE (CAS 78-93-3) | 6714 | |
| Drug Enforcement Adı | ministration (DEÁ). List | 1 & 2 Exempt Chem | ical Mixtures (21 CFR 1310.12(c)) |
| METHYL ETHYL KET | ONE (CAS 78-93-3) | 35 %WV | |

Listed.

METHYL ETHYL KETONE (CAS 78-93-3)

DEA Exempt Chemical Mixtures Code Number

METHYL ETHYL KETONE (CAS 78-93-3)

6714

Low priority

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

METHYL ETHYL KETONE (CAS 78-93-3)

US state regulations

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.

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

METHYL ETHYL KETONE (CAS 78-93-3)

International Inventories

| Country(s) or region | Inventory name | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia | Australian Inventory of Chemical Substances (AICS) | 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) | Yes |
| 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 Version # | March-11-2019 01 |
|-----------------------------|--|
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| Revision information | This document has undergone significant changes and should be reviewed in its entirety. |