

# Safety Data Sheet

## Oil Orange M3

### 1. Product and company identification

**Product name** : Oil Orange M3  
**Material uses** : Petrochemical industry: Fuel additive.  
**Internal code** : FS-000557  
**System code** : IFS0948  
**Date of issue/Date of revision** : 2022-06-10  
**Date of previous issue** : 2022-06-10  
**Version** : 1.18  
**Supplier** : Innospec Fuel Specialties LLC  
 8310 South Valley Highway  
 Suite 350  
 Englewood  
 CO, 80112  
 USA  
**Information contact** : 1-800-441-9547  
**e-mail address of person responsible for this SDS** : sdsinfo@innospecinc.com  
**NON-emergency enquiries** : corporatecommunications@innospecinc.com

**Emergency telephone number**

In USA, Canada and North America, 24 hour / 7 day emergency information for our product is provided by the CHEMTREC® Emergency Call Center based in the USA

**Country information** : **Emergency telephone number**

USA, Canada, Puerto Rico, Virgin Islands : +1 800 424 9300  
 In case of difficulties, or for ships at sea : +1 703 527 3887

In Europe, Middle East, Africa, Asia Pacific and South America 24 hour / 7 day emergency response for our products is provided by the NCEC CARECHEM 24 global network



The main regional centres are listed here in Section 1.  
 Other local contact numbers for specific language support in Asia Pacific are listed in Section 16

**Country information** : **Emergency telephone number** **Location**

|  |                        |                  |
|--|------------------------|------------------|
| South America ( all countries )  | : +1 215 207 0061      | Philadelphia USA |
| Brazil   | : +55 11 3197 5891     | Brazil           |
| Mexico   | : +52 555 004 8763     | Mexico           |
| Europe ( all countries ) Middle East, Africa ( French, Portuguese, English ) | : +44 (0) 1235 239 670 | London, UK       |

# 1. Product and company identification

|  |                        |               |
|--|------------------------|---------------|
| Middle East, Africa ( Arabic, French, English , Portuguese, Farsi) | : +44 (0) 1235 239 671 | London, UK    |
| Asia Pacific ( all countries except China )                        | : +65 3158 1074        | Singapore     |
| China  | : 400 120 6011         | Beijing China |

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : FLAMMABLE LIQUIDS - Category 3  
 ACUTE TOXICITY (dermal) - Category 4  
 ACUTE TOXICITY (inhalation) - Category 4  
 SKIN IRRITATION - Category 2  
 SERIOUS EYE DAMAGE - Category 1  
 SKIN SENSITIZATION - Category 1  
 CARCINOGENICITY - Category 2  
 TOXIC TO REPRODUCTION - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
 ASPIRATION HAZARD - Category 1

### GHS label elements

#### Hazard pictograms



#### Signal word

: Danger

#### Hazard statements

: H226 - Flammable liquid and vapor.  
 H304 - May be fatal if swallowed and enters airways.  
 H312 + H332 - Harmful in contact with skin or if inhaled.  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H318 - Causes serious eye damage.  
 H335 - May cause respiratory irritation.  
 H351 - Suspected of causing cancer.  
 H361 - Suspected of damaging fertility or the unborn child.  
 H373 - May cause damage to organs through prolonged or repeated exposure. (liver, spleen)

### Precautionary statements

#### Prevention

: P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P280 - Wear protective gloves, protective clothing and eye or face protection.  
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P241 - Use explosion-proof electrical, ventilating or lighting equipment.  
 P242 - Use non-sparking tools.  
 P243 - Take action to prevent static discharges.  
 P271 - Use only outdoors or in a well-ventilated area.  
 P260 - Do not breathe vapor.

## Section 2. Hazards identification

|   |  |
|---|--|
| <b>Response</b>                         | <p>P264 - Wash thoroughly after handling.<br/> P272 - Contaminated work clothing must not be allowed out of the workplace.</p> <p>: P308 + P313 - IF exposed or concerned: Get medical advice or attention.<br/> P304 + P340, P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.<br/> P301 + P310, P331 - IF SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.<br/> P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br/> P363 - Wash contaminated clothing before reuse.<br/> P302 + P312, P352 - IF ON SKIN: Call a POISON CENTER or doctor if you feel unwell. Wash with plenty of water.<br/> P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.<br/> P305 + P351 + P338, P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.</p> |
| <b>Storage</b>                          | <p>: P405 - Store locked up.<br/> P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.<br/> P403 + P235 - Keep cool.</p>   |
| <b>Disposal</b>                         | <p>: P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.</p>  |
| <b>Hazards not otherwise classified</b> | <p>: None known.</p>   |
| <b>Target organs</b>                    | <p>: Contains material which causes damage to the following organs: blood, kidneys, liver, gastrointestinal tract, upper respiratory tract, skin, central nervous system (CNS), eye, lens or cornea.<br/> Contains material which may cause damage to the following organs: the nervous system, ears, ovary.</p>   |

See toxicological information (Section 11)

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name   | %          | CAS number |
|---|------------|------------|
| Xylene  | 30 - 60    | 1330-20-7  |
| 2-naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar',ar"-me derivs. | 15 - 30    | 92257-31-3 |
| ethylbenzene  | 10 - 14.99 | 100-41-4   |
| Cashew, nutshell liq.   | 5 - 9.99   | 8007-24-7  |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### Additional information

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

**Date of issue/Date of revision** : 2022-06-10

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Remove dentures if any. Wash out mouth with water. Stop if the exposed person feels sick as vomiting may be dangerous. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : Harmful if inhaled. May cause respiratory irritation.
- Skin contact** : Harmful in contact with skin. Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : May be fatal if swallowed and enters airways.

#### Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:  
pain  
watering  
redness
- Inhalation** : Adverse symptoms may include the following:  
respiratory tract irritation  
coughing  
reduced fetal weight  
increase in fetal deaths  
skeletal malformations

## Section 4. First aid measures

**Skin contact** : Adverse symptoms may include the following:  
 pain or irritation  
 redness  
 blistering may occur  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations

**Ingestion** : Adverse symptoms may include the following:  
 stomach pains  
 nausea or vomiting  
 reduced fetal weight  
 increase in fetal deaths  
 skeletal malformations

### Indication of immediate medical attention and special treatment needed, if necessary

**Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

**Specific treatments** : No specific treatment.

**Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media** : Do not use water jet.

**Specific hazards arising from the chemical** : Flammable liquid and vapor. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.

**Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
 carbon dioxide  
 carbon monoxide

**Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

**Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

**Flash point** : Closed cup: 28°C (82.4°F)

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.



## Section 8. Exposure controls/personal protection

### Individual protection measures

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
- Skin protection**
- 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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid.
- Color** : Orange. Dark.
- Odor** : Characteristic.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point/freezing point** : Not available.
- Boiling point** : 137 to 143°C (278.6 to 289.4°F)
- Flash point** : Closed cup: 28°C (82.4°F)
- Evaporation rate** : Highest known value: 0.84 (ethylbenzene) Weighted average: 0.78 compared with butyl acetate
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : Greatest known range: Lower: 1% Upper: 7% (xylene)



## Section 9. Physical and chemical properties

|   |  |
|---|--|
| <b>Vapor pressure</b>                         | : Highest known value: 1.2 kPa (9.3 mm Hg) (at 20°C) (ethylbenzene). Weighted average: 0.8 kPa (6 mm Hg) (at 20°C) |
| <b>Vapor density</b>                          | : Highest known value: 3.7 (Air = 1) (xylene). Weighted average: 3.7 (Air = 1)                                     |
| <b>Density</b>                                | : 0.87 g/cm <sup>3</sup> [20°C (68°F)]   |
| <b>Specific gravity</b>                       | : Not available.   |
| <b>Density</b>                                | : 7.6 lbs/gal  |
| <b>Solubility</b>                             | : Insoluble in the following materials: cold water, hot water.   |
| <b>Partition coefficient: n-octanol/water</b> | : Not available.   |
| <b>Auto-ignition temperature</b>              | : Lowest known value: 431.85 to 459.85°C (809.3 to 859.7°F) (ethylbenzene).  |
| <b>Decomposition temperature</b>              | : Not available.   |
| <b>Viscosity</b>                              | : Kinematic (40°C (104°F)): <0.2 cm <sup>2</sup> /s (<20 cSt)  |
| <b>Explosive properties</b>                   | : Not available.   |

## Section 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.  |
| <b>Chemical stability</b>                 | : The product is stable.  |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.   |
| <b>Conditions to avoid</b>                | : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. |
| <b>Incompatible materials</b>             | : Reactive or incompatible with the following materials:<br>oxidizing materials   |
| <b>Hazardous decomposition products</b>   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced.  |

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name | Test | Species | Result                   | Dose                    |
|-------------------------|------|---------|--------------------------|-------------------------|
| Xylene<br>ethylbenzene  | -    | Rabbit  | LD50 Dermal              | 4320 mg/kg              |
|                         | -    | Rat     | LD50 Oral                | 4300 mg/kg              |
|                         | -    | Mouse   | LC50 Inhalation<br>Vapor | 35500 mg/m <sup>3</sup> |
|                         | -    | Rabbit  | LC50 Inhalation<br>Vapor | 4000 ppm                |
|                         | -    | Rabbit  | LD50 Dermal              | >5000 mg/kg             |

#### Potential chronic health effects

Not available.

#### Irritation/Corrosion

## Section 11. Toxicological information

| Product/ingredient name | Test | Species | Result                       |
|-------------------------|------|---------|------------------------------|
| Xylene                  | -    | Rabbit  | Eyes - Severe irritant - -   |
|                         | -    | Rat     | Skin - Mild irritant - -     |
| ethylbenzene            | -    | Rabbit  | Skin - Moderate irritant - - |
|                         | -    | Rabbit  | Eyes - Severe irritant - -   |
|                         | -    | Rabbit  | Skin - Mild irritant - -     |

### Sensitization

Not available.

### Mutagenicity

Not available.

### Carcinogenicity

#### Classification

| Product/ingredient name | OSHA | IARC | NTP |
|-------------------------|------|------|-----|
| Xylene                  | -    | 3    | -   |
| ethylbenzene            | -    | 2B   | -   |

### Reproductive toxicity

Not available.

### Teratogenicity

Not available.

### Specific target organ toxicity (single exposure)

| Name   | Category   | Route of exposure | Target organs                |
|--------|------------|-------------------|------------------------------|
| Xylene | Category 3 | -                 | Respiratory tract irritation |

### Specific target organ toxicity (repeated exposure)

| Name   | Category                 | Route of exposure | Target organs      |
|--|--------------------------|-------------------|--------------------|
| Xylene<br>2-naphthalenol, 1-[[4-(phenylazo)phenyl]azo]-, ar-heptyl ar', ar"-me derivs. | Category 2<br>Category 2 | -<br>oral         | -<br>liver, spleen |

### Aspiration hazard

| Name   | Result                         |
|--------|--------------------------------|
| Xylene | ASPIRATION HAZARD - Category 1 |

## Section 12. Ecological information

### Toxicity

| Product/ingredient name | Result                              | Species                                 | Exposure |
|-------------------------|-------------------------------------|---|----------|
| Xylene<br>ethylbenzene  | Acute LC50 3.3 mg/l                 | Fish                                    | 96 hours |
|                         | Acute EC50 4600 µg/l Fresh water    | Algae - Pseudokirchneriella subcapitata | 72 hours |
|                         | Acute EC50 3600 µg/l Fresh water    | Algae - Pseudokirchneriella subcapitata | 96 hours |
|                         | Acute EC50 7.2 mg/l                 | Algae                                   | 48 hours |
|                         | Acute EC50 2.93 mg/l                | Daphnia                                 | 48 hours |
|                         | Acute LC50 4.2 mg/l                 | Fish                                    | 96 hours |
|                         | Chronic NOEC <1000 µg/l Fresh water | Algae - Pseudokirchneriella subcapitata | 96 hours |
|                         | Chronic NOEC 6800 µg/l Fresh water  | Daphnia - Daphnia magna                 | 48 hours |

### Persistence and degradability

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
|-------------------------|-------------------|------------|------------------|
| Oil Orange M3           | -                 | -          | Not readily      |
| Xylene                  | -                 | -          | Readily          |
| ethylbenzene            | -                 | -          | Readily          |

### Bioaccumulative potential






| Product/ingredient name | LogP <sub>ow</sub> | BCF         | Potential |
|-------------------------|--------------------|-------------|-----------|
| Xylene                  | 3.12 to 3.2        | 8.1 to 25.9 | low       |
| ethylbenzene            | 3.1                | -           | low       |
| Cashew, nutshell liq.   | >4.78              | -           | high      |

## Section 13. Disposal considerations

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

## Section 14. Transport information

|                                   | DOT Classification  | IMDG   | IATA   |
|-----------------------------------|---|--|--|
| <b>UN number</b>                  | UN1307  | UN1307   | UN1307   |
| <b>UN proper shipping name</b>    | Xylenes solution. Marine pollutant (dodecylphenol) RQ (xylene)  | XYLENES solution. Marine pollutant   | Xylenes solution   |
| <b>Transport hazard class(es)</b> | 3<br>   | 3<br>      | 3<br> |
| <b>Packing group</b>              | III   | III  | III  |
| <b>Environmental hazards</b>      | Yes.  | Yes.   | No.  |
| <b>Additional information</b>     | <p>This product is not regulated as a marine pollutant when transported on inland waterways in sizes of ≤5 L or ≤5 kg or by road, rail, or inland air in non-bulk sizes, provided the packagings meet the general provisions of §§ 173.24 and 173.24a.</p> <p><b>Reportable quantity</b> 190.48 lbs / 86.476 kg [26.258 gal / 99.398 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.</p> <p><b>Limited quantity</b> Yes.</p> <p><b>Packaging instruction</b><br/> Exceptions: 150. Non-bulk: 203. Bulk: 242.</p> <p><b>Quantity limitation</b> Passenger aircraft/rail: 60 L. Cargo aircraft: 220 L.</p> <p><b>Special provisions</b> B1, IB3, T2, TP1</p> | <p>The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.</p> <p><b>Emergency schedules</b> F-E, S-D</p> <p><b>Special provisions</b> 223</p> |  |

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## Section 15. Regulatory information

**U.S. Federal regulations** : **United States inventory (TSCA 8b)**: All components are listed or exempted.  
**Clean Water Act (CWA) 307**: ethylbenzene

**Clean Air Act Section 112** : Listed

**(b) Hazardous Air**

**Pollutants (HAPs)**

**SARA 302/304**

**Composition/information on ingredients**

No products were found.

**SARA 311/312**

**Classification**

: FLAMMABLE LIQUIDS - Category 3  
 ACUTE TOXICITY (dermal) - Category 4  
 ACUTE TOXICITY (inhalation) - Category 4  
 SKIN IRRITATION - Category 2  
 SERIOUS EYE DAMAGE - Category 1  
 SKIN SENSITIZATION - Category 1  
 CARCINOGENICITY - Category 2  
 TOXIC TO REPRODUCTION - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3  
 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2  
 ASPIRATION HAZARD - Category 1

**SARA 313**

|  | Product name           | CAS number            | %                       |
|--|------------------------|-----------------------|-------------------------|
| <b>Form R - Reporting requirements</b> | xylene<br>ethylbenzene | 1330-20-7<br>100-41-4 | 30 - 60<br>9.99 - 14.99 |
| <b>Supplier notification</b>           | xylene<br>ethylbenzene | 1330-20-7<br>100-41-4 | 30 - 60<br>9.99 - 14.99 |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**State regulations**

**Massachusetts**

: The following components are listed: XYLENE; DIMETHYLBENZENE; ETHYL BENZENE; ETHYLBENZENE

**New York**

: The following components are listed: Xylene mixed; Ethylbenzene

**New Jersey**

: The following components are listed: XYLENES; BENZENE, DIMETHYL-; ETHYL BENZENE; BENZENE, ETHYL-

**Pennsylvania**

: The following components are listed: BENZENE, DIMETHYL-; BENZENE, ETHYL-

**California Prop. 65**

: **WARNING**: This product can expose you to ethylbenzene, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## Section 15. Regulatory information

| Ingredient name | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level | Contains : ppm (or %) |
|-----------------|--------|--------------|---------------------------|---------------------------------|-----------------------|
| ethylbenzene    | Yes.   | No.          |                           |                                 | 9.99 - 14.99          |

### International lists

#### National inventory

- Australia inventory (AICS)** : Not determined.
- Canada inventory** : Not determined.
- China inventory (IECSC)** : Not determined.
- EU REACH Status** : Please contact your supplier for information on the inventory status of this material.
- Japan inventory** : Not determined.
- Korea REACH Status** : Please contact your supplier for information on the inventory status of this material.
- New Zealand Inventory of Chemicals (NZIoC)** : Not determined.
- Philippines inventory (PICCS)** : Not determined.
- Taiwan REACH Status** : Please contact your supplier for information on the inventory status of this material.
- Turkey REACH Status** : Please contact your supplier for information on the inventory status of this material.
- UK REACH Status** : Please contact your supplier for information on the inventory status of this material.
- United States inventory (TSCA 8b)** : All components are listed or exempted.

Our REACH registrations DO NOT cover the following:

- The manufacture of these products by our company outside the EU unless covered by the Only Representative provisions, and
  - The importation of these products into Europe by other companies. Re-importation by other companies is not covered by our registrations
- Customers and other third parties importing and/or re-importing our products into Europe will need either:
- Their own registration for substances contained in the imported product, or constituent monomers (imported above 1 tonne per year and >2% by weight) in the case of imported polymers, or
  - In the case of importation only, to make use of the "Only Representative" provisions, if available.
- Not to be used for hydraulic fracking applications

## Section 16. Other information

### Hazardous Material Information System (U.S.A.)

|                  |   |   |
|------------------|---|---|
| Health           | * | 3 |
| Flammability     |   | 3 |
| Physical hazards |   | 0 |
|                  |   |   |

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

### National Fire Protection Association (U.S.A.)

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## Section 16. Other information



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

### History

|                                       |  |
|---------------------------------------|--|
| <b>Date of printing</b>               | : 2022-06-10   |
| <b>Date of issue/Date of revision</b> | : 2022-06-10   |
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| <b>Version</b>                        | : 1.18   |
| <b>Key to abbreviations</b>           | : ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>UN = United Nations |

✔ Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.