## **SAFETY DATA SHEET**



## Section 1. Identification

| GHS product identifier | : TRANSGARD AUTOMATIC TRANSMISSION FLUID, TYPE F |  |
|------------------------|--|--|
| Synonyms               | : Automatic Transmission Fluid                   |  |
| Code                   | : 633105001                                      |  |

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

Not applicable.

| Supplier's details   | CITGO Petroleum Corporation<br>P.O. Box 4689<br>Houston, TX 77210<br>sdsvend@citgo.com   |
|--|--|
| Emergency telephone<br>number (with hours of<br>operation) | Technical Contact: (800) 248-4684<br>Medical Emergency: (832) 486-4700<br>CHEMTREC Emergency: (800) 424-9300<br>(United States Only) |

## Section 2. Hazards identification

| OSHA/HCS status                            | : While this material is not considered hazardous by the OSHA Hazard Communication<br>Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the<br>safe handling and proper use of the product. This SDS should be retained and available<br>for employees and other users of this product.  |
|--|--|
| Classification of the substance or mixture | : Not classified.  |
| GHS label elements                         |  |
| Signal word                                | : No signal word.  |
| Hazard statements                          | : No known significant effects or critical hazards.  |
| Precautionary statements                   |  |
| General                                    | : Keep out of reach of children.   |
| Prevention                                 | : Do not get in eyes, on skin, or on clothing.   |
| Response                                   | : Wash with plenty of soap and water or use a recognized skin cleanser.  |
| Storage                                    | : Store in accordance with all local, regional, national and international regulations. Store in a dry place and a closed container. Empty containers may contain material residues which can ignite with explosive force. Misuse of empty containers can be dangerous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers can cause fire, explosion, or release of toxic fumes from residues. Do not pressurize or expose empty containers to open flame, sparks, or heat. Keep container closed and drum bungs in place. All label warnings and precautions must be observed. Return empty drums to a qualified reconditioner. Consult appropriate federal, state and local authorities before reusing, reconditioning, reclaiming, recycling, or disposing of empty containers and/or waste residues of this material. |
| Disposal                                   | : Dispose of contents and container in accordance with all local, regional, national and international regulations.  |
| Hazards not otherwise<br>classified        | : None known.  |

## Section 3. Composition/information on ingredients

#### Substance/mixture Other means of identification

: Mixture

: Automatic Transmission Fluid

#### **CAS number/other identifiers**

CAS number

: Not applicable.

| Ingredient name  | % | CAS number               |
|--|---|--------------------------|
| Distillates (petroleum), hydrotreated heavy paraffinic<br>Distillates (petroleum), hydrotreated light paraffinic |   | 64742-54-7<br>64742-55-8 |

\* = Various \*\* = Mixture \*\*\* = Proprietary

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

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

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

## Section 4. First aid measures

| Description of necessary first aid measures |   |  |  |
|---|---|--|--|
| Eye contact                                 | : | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.  |  |
| Inhalation                                  | : | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.  |  |
| Skin contact                                | : | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.   |  |
| Ingestion                                   | : | Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |  |

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

| Potential acute health effe     | <u>cts</u>   |
|---------------------------------|--|
| Eye contact                     | : No known significant effects or critical hazards.        |
| Inhalation                      | : No known significant effects or critical hazards.        |
| Skin contact                    | : No known significant effects or critical hazards.        |
| Ingestion                       | : No known significant effects or critical hazards.        |
| <u>Over-exposure signs/symp</u> | <u>ptoms</u>   |
| Eye contact                     | : No specific data.  |
| Inhalation                      | : No specific data.  |
| Skin contact                    | : No specific data.  |
| Ingestion                       | : No specific data.  |
|                                 |  |
| Indication of immediate med     | dical attention and special treatment needed, if necessary |
| Notes to about the              |  |

| Notes to physician         | : Treat symptomatically. Contact poison treatment specialist immediately if large<br>quantities have been ingested or inhaled. |
|----------------------------|--|
| Specific treatments        | : Treat symptomatically and supportively.  |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training.   |

#### See toxicological information (Section 11)

## Section 5. Fire-fighting measures

| Extinguishing media                            |   |
|--|---|
| Suitable extinguishing media                   | : Use an extinguishing agent suitable for the surrounding fire.   |
| Unsuitable extinguishing media                 | : None known.   |
| Specific hazards arising from the chemical     | : In a fire or if heated, a pressure increase will occur and the container may burst.   |
| Hazardous thermal decomposition products       | : No specific data.   |
| 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. |
| 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.                         |
|  |   |

## Section 6. Accidental release measures

| Personal precautions, protect                         | tive equipment and emergency procedures  |  |  |
|---|--|--|--|
| For non-emergency<br>personnel                        | : No action shall be taken involving any personal risk or without suitable training.<br>Evacuate surrounding areas. Keep unnecessary and unprotected personnel from<br>entering. Do not touch or walk through spilled material. Put on appropriate personal<br>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. 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. 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. 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).   |  |  |
|--|---|--|--|
| 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 7. Handling and storage

| Conditions for safe storage,<br>including any<br>incompatibilities | : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use. |
|--|--|
|  | Bulk Storage Conditions: Maintain all storage tanks in accordance with applicable regulations. Use necessary controls to monitor tank inventories. Inspect all storage tanks on a periodic basis. Test tanks and associated piping for tightness. Maintain the automatic leak detection devices to assure proper working condition.  |

## Section 8. Exposure controls/personal protection

| Control parameters                 |  |   |
|------------------------------------|--|---|
| Occupational exposure lin          | <u>nits</u>  |   |
| Distillates (petroleum), hydr      | rotreated heavy paraffinic   | ACGIH TLV (United States, 1/2021).<br>TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable<br>fraction<br>OSHA PEL (United States, 5/2018).<br>TWA: 5 mg/m <sup>3</sup> 8 hours.<br>NIOSH REL (United States, 10/2020).<br>TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist<br>STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist  |
| Distillates (petroleum), hydr      | rotreated light paraffinic   | ACGIH TLV (United States, 1/2021).<br>TWA: 5 mg/m <sup>3</sup> 8 hours. Form: Inhalable<br>fraction<br>OSHA PEL (United States, 5/2018).<br>TWA: 5 mg/m <sup>3</sup> 8 hours.<br>NIOSH REL (United States, 10/2020).<br>TWA: 5 mg/m <sup>3</sup> 10 hours. Form: Mist<br>STEL: 10 mg/m <sup>3</sup> 15 minutes. Form: Mist  |
| Appropriate engineering controls   | : Good general ventilation sl contaminants.  | nould be sufficient to control worker exposure to airborne  |
| Environmental exposure<br>controls | they comply with the requir<br>cases, vapor controls, filter   | or work process equipment should be checked to ensure<br>rements of environmental protection legislation. In some<br>rs or engineering modifications to the process equipment will<br>hissions to acceptable levels.  |
| Individual protection measure      | <u>ures</u>  |   |
| Hygiene measures                   | eating, smoking and using<br>Appropriate techniques sh   | d face thoroughly after handling chemical products, before<br>the lavatory and at the end of the working period.<br>ould be used to remove potentially contaminated clothing.<br>ng before reusing. Ensure that eyewash stations and safety<br>orkstation location.   |
| Eye/face protection                | industrial settings. If conta<br>the assessment indicates a<br>Safety eyewear complying<br>assessment indicates this | ith side shields are recommended as minimum protection in<br>act is possible, the following protection should be worn, unless<br>a higher degree of protection: chemical splash goggles.<br>with an approved standard should be used when a risk<br>is necessary to avoid exposure to liquid splashes, mists,<br>on hazards exist, a full-face respirator may be required |
| Skin protection                    |  |   |
| Hand protection                    |  | complying with an approved standard should be worn at all ical products if a risk assessment indicates this is necessary.   |
| Body protection                    |  | nent for the body should be selected based on the task being volved and should be approved by a specialist before   |

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## Section 8. Exposure controls/personal protection

| Other skin protection  | : Avoid skin contact with liquid. 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. Leather boots are not protective for liquid contact.  |
|------------------------|---|
| Respiratory protection | : Avoid inhalation of gases, vapors, mists or dusts. Use a properly fitted, air-purifying or supplied-air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. |

## Section 9. Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

| Appearance  |   |
|---|---|
| Physical state  | : Liquid.   |
| Color   | : Red.  |
| Odor  | : Mild petroleum odor   |
| рН  | : Not available.  |
| Boiling point, initial boiling point, and boiling range | : Not available.  |
| Flash point   | : Open cup: 210°C (410°F) [Cleveland.]                          |
| Evaporation rate  | : <1 (n-butyl acetate. = 1)                                     |
| Lower and upper explosive (flammable) limits            | : Lower: 1%<br>Upper: 7%  |
| Vapor pressure  | : <0.013 kPa (<0.1 mm Hg)                                       |
| Relative vapor density                                  | : >1 [Air = 1]  |
| Relative density  | : 0.87  |
| Density lbs/gal   | : Estimated 7.25 lbs/gal  |
| Density gm/cm <sup>3</sup>                              | : Not available.  |
| Gravity, °API   | : Estimated 31 @ 60 F   |
| Solubility  | : Insoluble in the following materials: cold water.             |
| Auto-ignition temperature                               | : Not available.  |
| Viscosity   | : Dynamic: 38.2 mPa·s (38.2 cP)<br>Kinematic: 35 mm²/s (35 cSt) |
| Flow time (ISO 2431)                                    | : Not available.  |
| Particle characteristics                                |   |
| Median particle size                                    | : Not applicable.   |

## Section 10. Stability and reactivity

| Reactivity                         | Not expected to be Explosive, Self-Reactive, Self-Heating, or an Organic Peroxide under US GHS Definition(s). |  |
|------------------------------------|---|--|
| Chemical stability                 | The product is stable.  |  |
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur.                               |  |
| Conditions to avoid                | No specific data.   |  |
| Incompatible materials             | No specific data.   |  |

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## Section 10. Stability and reactivity

Hazardous decomposition : products

: 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                                   | Result                          | Species       | Dose                      | Exposure |
|---|---------------------------------|---------------|---------------------------|----------|
| Distillates (petroleum),<br>hydrotreated heavy paraffinic | LD50 Dermal                     | Rat           | >5000 mg/kg               | -        |
|   | LD50 Oral                       | Rat           | >5000 mg/kg               | -        |
| Distillates (petroleum),<br>hydrotreated light paraffinic | LC50 Inhalation Dusts and mists | Rat           | 3900 mg/m³                | 4 hours  |
|   | LD50 Dermal<br>LD50 Oral        | Rabbit<br>Rat | >2000 mg/kg<br>5000 mg/kg | -        |

Conclusion/Summary
 Distillates (petroleum), hydrotreated heavy paraffinic: Mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicable workplace exposure levels include lung inflammatory reaction, lipoid granuloma formation and lipoid pneumonia. In acute and sub-acute studies involving exposures to lower concentrations of mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute studies involving exposure levels produced no significant toxicological effects.
 Distillates (petroleum), hydrotreated light paraffinic: Mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicable workplace exposures to high concentrations of mineral oil mists derived from highly refined oils are reported to have low acute and sub-acute toxicities in animals. Effects from single and short-term repeated exposures to high concentrations of mineral oil mists well above applicable workplace exposure levels include lung inflammatory reaction, lipoid granuloma formation and lipoid pneumonia. In acute and sub-acute studies involving exposures to lower concentrations of mineral oil mists at or near current work place exposure levels produced no significant toxicological effects.

Irritation/Corrosion

Not available.

| Skin<br>Eyes<br>Respiratory<br><u>Sensitization</u><br>Not available. | <ul><li>No additional information.</li><li>No additional information.</li><li>No additional information.</li></ul> |
|---|--|
| Skin<br>Respiratory<br><u>Mutagenicity</u><br>Not available.          | <ul><li>No additional information.</li><li>No additional information.</li></ul>                                    |

#### Conclusion/Summary

: No additional information.

#### Carcinogenicity

Not available.

#### **Conclusion/Summary**

: **Distillates (petroleum), hydrotreated light paraffinic**: In long term studies (up to two years) no carcinogenic effects have been reported in any animal species tested.

#### **Classification**

| Product/ingredient name                                   | OSHA  | IARC | NTP |
|---|-------|------|-----|
| Distillates (petroleum),<br>hydrotreated light paraffinic | None. | -    | -   |

#### Reproductive toxicity

Not available.

**Conclusion/Summary** : No additional information.

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|--------------------------------|--------------|------------------------|-------------|-------------|------|
| Date of issue/Date of revision | . 10/19/2022 | Date of previous issue | . 8/24/2021 | version . 2 | 0    |

## Section 11. Toxicological information

#### **Teratogenicity**

Not available.

**Conclusion/Summary** : No additional information.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

| Name   | Result                         |
|--|--------------------------------|
| Distillates (petroleum), hydrotreated light paraffinic | ASPIRATION HAZARD - Category 1 |

| Information on the likely<br>routes of exposure   | ÷          | Routes of entry anticipated: Dermal.  |
|---|------------|---|
| Potential acute health effects  | 2          |   |
| Eye contact   | 1          | No known significant effects or critical hazards.   |
| Inhalation  | :          | No known significant effects or critical hazards.   |
| Skin contact  | :          | No known significant effects or critical hazards.   |
| Ingestion   | :          | No known significant effects or critical hazards.   |
| Symptoms related to the phy   | <u>sic</u> | cal, chemical and toxicological characteristics   |
| Eye contact   | 1          | No specific data.   |
| Inhalation  | :          | No specific data.   |
| Skin contact  | :          | No specific data.   |
| Ingestion   | :          | No specific data.   |
| Delayed and immediate effect  | <u>:ts</u> | and also chronic effects from short and long term exposure  |
| Potential immediate<br>effects  | :          | Not available.  |
| Potential delayed effects   | :          | Not available.  |
| Long term exposure  |            |   |
| Potential immediate effects   | :          | Not available.  |
| Defendent de la constante de la constante   | 1          | Not available.  |
| Potential delayed effects   |            |   |
| Potential delayed effects<br><u>Potential chronic health effe</u><br>Not available.           | <u>ect</u> | <u>S</u>  |
| Potential chronic health eff  |            | <u>s</u><br>No known significant effects or critical hazards.   |
| Potential chronic health effe   | :          |   |
| Potential chronic health effe<br>Not available.<br>General                                    | :          | No known significant effects or critical hazards.   |
| Potential chronic health effe<br>Not available.<br>General<br>Carcinogenicity                 | :          | No known significant effects or critical hazards.<br>No known significant effects or critical hazards.<br>No known significant effects or critical hazards. |
| Potential chronic health effe<br>Not available.<br>General<br>Carcinogenicity<br>Mutagenicity |            | No known significant effects or critical hazards.<br>No known significant effects or critical hazards.<br>No known significant effects or critical hazards. |

Acute toxicity estimates

## Section 11. Toxicological information

| Product/ingredient name                                | Oral (mg/<br>kg) |          | Inhalation<br>(gases)<br>(ppm) | Inhalation<br>(vapors)<br>(mg/l) | Inhalation<br>(dusts and<br>mists) (mg/<br>I) |
|--|------------------|----------|--------------------------------|----------------------------------|---|
| TRANSGARD AUTOMATIC TRANSMISSION FLUID,                | 211291.4         | 105645.7 | N/A                            | N/A                              | N/A   |
| Distillates (petroleum), hydrotreated light paraffinic | 5000             | 2500     | N/A                            | N/A                              | N/A   |

## Section 12. Ecological information

### **Toxicity**

Not available.

**Conclusion/Summary** : Not available.

#### Persistence and degradability

**Conclusion/Summary** : Not available.

#### **Bioaccumulative potential**

Not available.

#### <u>Mobility in soil</u>

Soil/water partition: Not available.coefficient (Koc)

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

Disposal methods
 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. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

|                               | DOT Classification       | IMDG                             | ΙΑΤΑ            |
|-------------------------------|--------------------------|----------------------------------|-----------------|
| UN number                     | Not regulated.           | Not regulated.                   | Not regulated.  |
| UN proper<br>shipping name    | -                        | -                                | -               |
| Transport<br>hazard class(es) | -                        | -                                | -               |
| Packing group                 | -                        | -                                |                 |
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## Section 14. Transport information

| Environmental | No. | No. | No. |
|---------------|-----|-----|-----|
| hazards       |     |     |     |
|               |     |     |     |

# 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. Transport in bulk according to IMO instruments : Not available.

## Section 15. Regulatory information

U.S. Federal regulations

United States inventory (TSCA 8b): All components are listed or exempted.

Clean Water Act (CWA) 307: phenol; naphthalene; toluene; benzene; ethylbenzene

**Clean Water Act (CWA) 311**: Hydrogen chloride; phenol; propylene oxide; naphthalene; toluene; benzene; ethylbenzene

This material is classified as an oil under Section 311 of the Clean Water Act (CWA) and the Oil Pollution Act of 1990 (OPA). Discharges or spills which produce a visible sheen on waters of the United States, their adjoining shorelines, or into conduits leading to surface waters must be reported to the EPA's National Response Center at (800) 424-8802.

#### SARA 302/304

#### **Composition/information on ingredients**

|                   |       |      | SARA 302 TPQ |           | SARA 304 RQ |           |
|-------------------|-------|------|--------------|-----------|-------------|-----------|
| Name              | %     | EHS  | (lbs)        | (gallons) | (lbs)       | (gallons) |
| hydrogen chloride | trace | Yes. | 500          | -         | 5000        | -         |
| ethylene oxide    | trace | Yes. | 1000         | -         | 10          | -         |
| Phenol            | trace | Yes. | 500 / 10000  | -         | 1000        | -         |
| propylene oxide   | trace | Yes. | 10000        | 1444.3    | 100         | 14.4      |

#### SARA 304 RQ

: 1596424010.2 lbs / 724776500.6 kg [220075512 gal / 833076437.5 L]

#### SARA 311/312 Classification

: Not applicable.

#### **Composition/information on ingredients**

| Name  | %  | Classification                 |
|---|----|--------------------------------|
| Distillates (petroleum),<br>hydrotreated light paraffinic | ≤3 | ASPIRATION HAZARD - Category 1 |

#### **State regulations**

| Massachusetts      | : None of the components are listed. |
|--------------------|--------------------------------------|
| New York           | : None of the components are listed. |
| New Jersey         | : None of the components are listed. |
| Pennsylvania       | : None of the components are listed. |
| California Bron 65 | oar and Bassanable Warnings (2019)   |

#### California Prop. 65 Clear and Reasonable Warnings (2018)

▲ WARNING: This product can expose you to chemicals including Ethyl acrylate, which is known to the State of California to cause cancer, and Ethylene Glycol, 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.

## Section 15. Regulatory information

| Ingredient name | %       | Cancer | Reproductive | No significant risk<br>level | Maximum<br>acceptable dosage<br>level |
|-----------------|---------|--------|--------------|------------------------------|---------------------------------------|
| ethyl acrylate  | < 0.001 | Yes.   | No.          | -                            | -                                     |
| ethanediol      | < 0.001 | No.    | Yes.         | -                            | Yes.                                  |
| ethylene oxide  | trace   | Yes.   | Yes.         | Yes.                         | Yes.                                  |
| propylene oxide | trace   | Yes.   | No.          | -                            | -                                     |
| 1,4-dioxane     | trace   | Yes.   | No.          | Yes.                         | -                                     |
| naphthalene     | trace   | Yes.   | No.          | Yes.                         | -                                     |
| toluene         | trace   | No.    | Yes.         | -                            | Yes.                                  |
| benzene         | trace   | Yes.   | Yes.         | Yes.                         | Yes.                                  |
| ethylbenzene    | trace   | Yes.   | No.          | Yes.                         | -                                     |

#### International regulations

#### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

| Inventory list    |   |
|-------------------|---|
| United States     | : All components are listed or exempted.  |
| Australia         | : All components are listed or exempted.  |
| Canada            | : All components are listed or exempted.  |
| China             | : Not determined.   |
| Europe            | : All components are listed or exempted.  |
| Japan             | : Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined. |
| Malaysia          | : Not determined  |
| New Zealand       | : All components are listed or exempted.  |
| Philippines       | : All components are listed or exempted.  |
| Republic of Korea | : All components are listed or exempted.  |
| Taiwan            | : Not determined.   |
| Thailand          | : Not determined.   |
| Turkey            | : Not determined.   |
| Viet Nam          | : Not determined.   |

## Section 16. Other information

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



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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.

Procedure used to derive the classification

## Section 16. Other information

|                                | Classification  | Justification  |  |  |
|--------------------------------|---|--|--|--|
| Not classified.                |   |  |  |  |
| <u>History</u>                 |   |  |  |  |
| Date of printing               | : 10/19/2022  |  |  |  |
| Date of issue/Date of revision | : 10/19/2022  |  |  |  |
| Date of previous issue         | : 8/24/2021   |  |  |  |
| Version                        | : 2   |  |  |  |
| Key to abbreviations           | IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coe<br>MARPOL = International Convention for the Preventi | Bioconcentration Factor<br>Globally Harmonized System of Classification and Labelling of Chemicals<br>International Air Transport Association<br>termediate Bulk Container<br>International Maritime Dangerous Goods<br>= logarithm of the octanol/water partition coefficient<br>D = International Convention for the Prevention of Pollution From Ships, 1973<br>fied by the Protocol of 1978. ("Marpol" = marine pollution) |  |  |
| References                     | : Not available.  |  |  |  |

Indicates information that has changed from previously issued version.

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