# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200



## Drydene TransAll Elite XD 40

## SECTION 1: Identification

### Product Identifier

**Product Name:** Drydene TransAll Elite XD 40
**Product code:** D46540

### Recommended Use of the Product and Restriction on Use

**Relevant Identified Uses:** Transmission Fluid
**Uses Advised Against:** Any use than recommended above.
**Reasons Why Uses Advised Against:** Not determined or not applicable.

### Manufacturer or Supplier Details

**Manufacturer:**
**United States**
Reladyne, LLC
8280 Montgomery Road
Suite 101 Cincinnati, OH 45236
(888) 830-3156
sds@reladyne.com
www.reladyne.com

### Emergency Telephone Number:

**United States**
INFOTRAC
(800) 535-5053 (24/7)

## SECTION 2: Hazard(s) Identification

### GHS Classification:

Skin irritation, category 2
Eye irritation, category 2A
Skin sensitization, category 1
Carcinogenicity, category 1B
Reproductive toxicity, category 2
Aspiration hazard, category 1

### Label elements

**Hazard Pictograms:**

**Signal Word:** Danger

### Hazard statements:

H315 Causes skin irritation
H319 Causes serious eye irritation
H317 May cause an allergic skin reaction

H350 May cause cancer.
H361 Suspected of damaging fertility or the unborn child.
H304 May be fatal if swallowed and enters airways

**Precautionary Statements:**

P264 Wash skin thoroughly after handling.
P280 Wear protective gloves, protective clothing and eye protection.
P261 Do not breathe mist, vapors or spray.
P272 Contaminated work clothing must not be allowed out of the workplace
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P302+P352 IF ON SKIN: Wash with plenty of water.
P321 Specific treatment (see Sections 4-8 of this SDS and any supplemental information on the product label).
P332+P313 If skin irritation occurs: Get medical advice.
P362 Take off contaminated clothing and wash it before reuse
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337+P313 If eye irritation persists: Get medical attention.
P333+P313 If skin irritation or rash occurs: Get medical advice.
P363 Wash contaminated clothing before reuse
P308+P313 If exposed or concerned: Get medical advice.
P331 Do NOT induce vomiting
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER.
P405 Store locked up
P501 Dispose of contents and container in accordance with local, regional, national, and international regulations.

**Hazards Not Otherwise Classified:** None

## SECTION 3: Composition/Information on Ingredients

| Identification | Name | Weight % |
|---|---|---|
| CAS Number: 72623-87-1 | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 45-70 |
| CAS Number: 68037-01-4 | Dec-1-ene, homopolymer, hydrogenated | 5-10 |
| CAS Number: 84605-20-9 | Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivatives | 1-5 |
| CAS Number: 68411-46-1 | Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | 1-5 |
| CAS Number: 68955-53-3 | Amines, C12-14-tert-alkyl | 0.5-1.5 |
| CAS Number: 94270-86-7 | 1-H benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-methyl- | 0.1-0.5 |
| CAS Number: 68610-84-4 | Benzenesulfonic acid, propenated, calcium salt, overbased | 0.1-0.5 |

**Additional Information:**

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as

a trade secret in accordance with paragraph (i) of the OSHA Hazard Communication Standard (29 CFR §1910.1200).

## SECTION 4: First Aid Measures

### Description of First Aid Measures

#### General Notes:

Show this Safety Data Sheet to the doctor in attendance.

#### After Inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

#### After Skin Contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

#### After Eye Contact:

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

#### After Swallowing:

This product presents an aspiration hazard. If aspiration is suspected, seek emergency medical treatment. If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

### Most Important Symptoms and Effects, Both Acute and Delayed

#### Acute Symptoms and Effects:

Skin contact may result in redness, pain, burning and inflammation.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

Dermal exposure may cause an allergic skin reaction. Symptoms may include irritation, redness, pain, rash, inflammation, itching, burning and dermatitis.

May be fatal if swallowed and enters airways. Aspiration may cause pulmonary edema and pneumonitis. Symptoms may include shortness of breath, dry cough and irritation of the nose, eyes, lips, mouth and throat.

#### Delayed Symptoms and Effects:

Effects are dependent on exposure (dose, concentration, contact time).

Exposure may cause cancer. Effects are dependent on exposure (dose, concentration, contact time).

Long term exposure may affect fertility. Symptoms include, but are not limited to: menstrual problems, altered sexual behavior/fertility/ and pregnancy outcome. Long term exposure may also affect development of the unborn child. Symptoms include, but are not limited to: intrauterine growth retardation, pre-term birth, birth defects and postnatal death.

Symptoms of pulmonary edema may be delayed.

### Immediate Medical Attention and Special Treatment

#### Specific Treatment:

Not determined or not applicable.

#### Notes for the Doctor:

Treat symptomatically.

## SECTION 5: Firefighting Measures

**Extinguishing Media**

**Suitable Extinguishing Media:**

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

**Unsuitable Extinguishing Media:**

Do not use water jet.

**Specific Hazards During Fire-Fighting:**

Thermal decomposition may produce irritating/toxic fumes/gases.

**Special Protective Equipment for Firefighters:**

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

**Special precautions:**

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

## SECTION 6: Accidental Release Measures

**Personal Precautions, Protective Equipment, and Emergency Procedures:**

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

**Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

**Methods and Material for Containment and Cleaning Up:**

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Avoid breathing dust, mist, fumes, vapors or spray. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

**Reference to Other Sections:**

For personal protective equipment see Section 8. For disposal see Section 13.

## SECTION 7: Handling and Storage

**Precautions for Safe Handling:**

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Avoid contact with skin, eyes and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

**Conditions for Safe Storage, Including Any Incompatibilities:**

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

## SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

**Occupational Exposure Limit Values:**

| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|---|---|---|---|
| ACGIH | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 72623-87-1 | 8-Hour TWA: 5 mg/m³ (Mineral oil, excluding metal working fluids, poorly and mildly refined. Poorly and mildly refined: Exposure by all routes should be carefully controlled to levels as low as possible.) |
| OSHA | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 72623-87-1 | 8-Hour TWA-PEL: 5 mg/m³ (Petroleum distillates, mildly or poorly refined) |
| NIOSH | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 72623-87-1 | REL-TWA: 5 mg/m³ ([up to 10 hr] - Petroleum distillates, mildly or poorly refined) |
| | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 72623-87-1 | IDLH: 2500 mg/m³ (Petroleum distillates, mildly or poorly refined) |
| United States(California) | Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 72623-87-1 | 8-Hour TWA-PEL: 5 mg/m³ (particulate - Petroleum distillates, mildly or poorly refined) |

**Biological Limit Values:**

No biological exposure limits noted for the ingredient(s).

**Information on Monitoring Procedures:**

Not determined or not applicable.

**Appropriate Engineering Controls:**

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

**Personal Protection Equipment**

**Eye and Face Protection:**

Safety glasses or goggles. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

**Skin and Body Protection:**

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. 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. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

**Respiratory Protection:**

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**General Hygienic Measures:**

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

## SECTION 9: Physical and Chemical Properties

**Information on Basic Physical and Chemical Properties**

| | |
|---|---|
| **Appearance** | Amber Liquid |
| **Odor** | Mild Petroleum |
| **Odor threshold** | Not determined or not available. |
| **pH** | Not determined or not available. |
| **Melting point/freezing point** | Not determined or not available. |
| **Initial boiling point/range** | Not determined or not available. |
| **Flash point (closed cup)** | 235 C |
| **Evaporation rate** | Not determined or not available. |
| **Flammability (solid, gas)** | Not determined or not available. |
| **Upper flammability/explosive limit** | Not determined or not available. |
| **Lower flammability/explosive limit** | Not determined or not available. |
| **Vapor pressure** | Not determined or not available. |
| **Vapor density** | Not determined or not available. |
| **Density** | Not determined or not available. |
| **Relative density** | 0.85 |
| **Solubilities** | Negligible; 0-1% in water |
| **Partition coefficient (n-octanol/water)** | Not determined or not available. |
| **Auto/Self-ignition temperature** | Not determined or not available. |
| **Decomposition temperature** | Not determined or not available. |
| **Dynamic viscosity** | Not determined or not available. |
| **Kinematic viscosity** | Not determined or not available. |
| **Explosive properties** | Not determined or not available. |
| **Oxidizing properties** | Not determined or not available. |

## SECTION 10: Stability and Reactivity

**Reactivity:**

Not reactive under recommended handling and storage conditions.

**Chemical Stability:**

Stable under recommended handling and storage conditions.

**Possibility of Hazardous Reactions:**

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

**Conditions to Avoid:**

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

**Incompatible Materials:**

Strong oxidizing agents

**Hazardous Decomposition Products:**

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

## SECTION 11: Toxicological Information

### Acute Toxicity

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:** No data available.

**Substance Data:**

| Name | Route | Result |
|---|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | oral | LD50 Rat: >5000 mg/kg |
| | dermal | LD50 Rabbit: >2000 mg/kg |
| | inhalation | LC50 Rat: 2.18 mg/L (4 hr [aerosol]) |
| Dec-1-ene, homopolymer, hydrogenated | oral | LD50 Rat: > 5000 mg/kg |
| | inhalation | LC50 Rat: < 5.0 mg/L (4 hr [Mist]) |
| | dermal | LD50 Rat: > 2000 mg/kg |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | oral | LD50 Rat: >5000 mg/kg |
| | dermal | LD50 Rat: >2000 mg/kg |
| Amines, C12-14-tert-alkyl | oral | LD50 Rat: 300 mg/kg |
| | Dermal ATE | LD50 Rabbit: 300 mg/kg |
| | inhalation | LC50 Ray: 157 ppmV (4 hr) |

### Skin Corrosion/Irritation

**Assessment:**

Causes skin irritation.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Amines, C12-14-tert-alkyl | Causes severe skin burns. |
| 1-H benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-methyl- | Causes skin irritation. |

### Serious Eye Damage/Irritation

**Assessment:**

Causes serious eye irritation.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Amines, C12-14-tert-alkyl | Causes serious eye damage. |

### Respiratory or Skin Sensitization

**Assessment:**

May cause an allergic skin reaction.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Amines, C12-14-tert-alkyl | May cause an allergic skin reaction. |
| 1-H benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-methyl- | May cause an allergic skin reaction. |
| Benzenesulfonic acid, propenated, calcium salt, overbased | May cause an allergic skin reaction. |

**Carcinogenicity**

**Assessment:**

May cause cancer.

**Product Data:** No data available.

**Substance Data:**

| Name | Species | Result |
|---|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | | May cause cancer. Insufficiently refined lubricant base oils may be carcinogenic to the skin. Insufficiently refined based oils, containing ≥ 3% DMSO extract as measured by IP346, should be classified as a carcinogen. The carcinogen classification does not apply to sufficiently refined base oils, containing ≤ 3% DMSO extract as measured by IP346. |

**International Agency for Research on Cancer (IARC):**

| Name | Classification |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | Not Applicable |
| Dec-1-ene, homopolymer, hydrogenated | Not Applicable |
| Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivatives | Not Applicable |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | Not Applicable |
| Amines, C12-14-tert-alkyl | Not Applicable |
| 1-H benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-methyl- | Not Applicable |
| Benzenesulfonic acid, propenated, calcium salt, overbased | Not Applicable |

**National Toxicology Program (NTP):**

| Name | Classification |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | Not Applicable |
| Dec-1-ene, homopolymer, hydrogenated | Not Applicable |

| Name | Classification |
|---|---|
| Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivatives | Not Applicable |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | Not Applicable |
| Amines, C12-14-tert-alkyl | Not Applicable |
| 1-H benzotriazole-1-methanamine, N,N-bis(2-ethylhexyl)-methyl- | Not Applicable |
| Benzenesulfonic acid, propenated, calcium salt, overbased | Not Applicable |

**OSHA Carcinogens:** Not applicable

**Germ Cell Mutagenicity**

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

**Reproductive Toxicity**

**Assessment:**

Suspected of damaging fertility or the unborn child.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | Suspected of damaging fertility. |

**Specific Target Organ Toxicity (Single Exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

**Specific Target Organ Toxicity (Repeated Exposure)**

**Assessment:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

**Aspiration toxicity**

**Assessment:**

May be fatal if swallowed and enters airways.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | May be fatal if swallowed and enters airways. |
| Dec-1-ene, homopolymer, hydrogenated | May be fatal if swallowed and enters airways. |

**Information on Likely Routes of Exposure:**
No data available.
**Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:**
No data available.
**Other Information:**
No data available.

## SECTION 12: Ecological Information

**Acute (Short-Term) Toxicity**

**Assessment:** Based on available data, the classification criteria are not met.
**Product Data:** No data available.
**Substance Data:**

| Name | Result |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | Aquatic Invertebrates EC50 Daphnia magna: >10,000 mg/L (EL50; 48 hr[mobility]) |
| | Fish LC50 Pimephales promelas: >100 mg/L (LL50; 96hr) |
| Dec-1-ene, homopolymer, hydrogenated | Aquatic Invertebrates LC50 Oncorhynchus mykiss: > 1000 mg/L (LL50; 96hr) |
| | Aquatic Plants EC50 Scenedesmus capricornutum: > 1000 mg/L (EL 50; 72 hr[biomass and growth rate]) |
| | Aquatic Invertebrates EC50 Daphnia magna: > 150 mg/L (EL50; 48hr [mobility]) |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | Fish LC50 Danio rerio: >100 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 51 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Desmodesmus subspicatus: >100 mg/L (72 hr [biomass & growth rate]) |

**Chronic (Long-Term) Toxicity**

**Assessment:** Based on available data, the classification criteria are not met.
**Product Data:** No data available.
**Substance Data:**

| Name | Result |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | Aquatic Invertebrates NOEC Daphnia magna: 10 mg/L (NOEL; 21d [reproduction]) |
| | Fish NOEC Oncorhynchus mykiss: >= 1000 mg/L (NOELR; 14d) |
| Dec-1-ene, homopolymer, hydrogenated | Aquatic Invertebrates NOEC Daphnia magna: 125 mg/L (NOELR; 21d) |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | Fish NOEC Danio rerio: 10 mg/L (34 d [NOELR-hatchability, mortality & fry growth- Read-across substance data]) |
| | Aquatic Invertebrates NOEC Daphnia magna: 0.16 mg/L (21 d [reproduction- Read-across substance data]) |

**Persistence and Degradability**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | The substance is inherently biodegradable, 31% degradation measured by O2 consumption after 28 days. |
| Dec-1-ene, homopolymer, hydrogenated | The substance is not readily biodegradable (7% degradation measured by CO2 evolution after 28-days). |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | The substance is not readily biodegradable. 1% degradation observed in water, measured by CO2 evolution, after 28 days. |

**Bioaccumulative Potential**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Dec-1-ene, homopolymer, hydrogenated | Accumulation in organisms is not to be expected (estimated BCF: < 2000 L/kg). |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | The substance has the potential to bioaccumulate significantly (log Pow=6.6 at 23 °C, Read across substance data). |

**Mobility in Soil**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Dec-1-ene, homopolymer, hydrogenated | Expected to adsorb strongly to soils and sediment (calculated log Koc is > 6.2). |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | The substance is slightly mobile to immobile, therefore, there is a significant potential for adsorption to soil and sediment (calculated log Koc: 3.754 - 8.947 L/kg, QSAR substance data). |

**Results of PBT and vPvB assessment**

**Product Data:**

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT.

**vPvB assessment:** This product does not contain any substances that are assessed to be a vPvB.

**Substance Data:**

**PBT assessment:**

| | |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | The substance is not PBT. |
| Dec-1-ene, homopolymer, hydrogenated | The substance is not PBT. |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | The substance is not PBT. |

**vPvB assessment:**

| | |
|---|---|
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | The substance is not vPvB. |
| Dec-1-ene, homopolymer, hydrogenated | The substance is not vPvB. |

| | |
|---|---|
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | The substance is not vPvB. |

**Other Adverse Effects:** No data available.

## SECTION 13: Disposal Considerations

**Disposal Methods:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory agencies. Dispose of in accordance with all applicable local, regional, state and federal regulations.

**Contaminated packages:**

Not determined or not applicable.

## SECTION 14: Transport Information

**United States Transportation of Dangerous Goods (49 CFR DOT)**

| | |
|---|---|
| **UN Number** | Not regulated |
| **UN Proper Shipping Name** | Not regulated |
| **UN Transport Hazard Class(es)** | None |
| **Packing Group** | None |
| **Environmental Hazards** | None |
| **Special Precautions for User** | None |

**International Maritime Dangerous Goods (IMDG)**

| | |
|---|---|
| **UN Number** | Not regulated |
| **UN Proper Shipping Name** | Not regulated |
| **UN Transport Hazard Class(es)** | None |
| **Packing Group** | None |
| **Environmental Hazards** | None |
| **Special Precautions for User** | None |

**International Air Transport Association Dangerous Goods Regulations (IATA-DGR)**

| | |
|---|---|
| **UN Number** | Not regulated |
| **UN Proper Shipping Name** | Not regulated |
| **UN Transport Hazard Class(es)** | None |
| **Packing Group** | None |
| **Environmental Hazards** | None |
| **Special Precautions for User** | None |

## SECTION 15: Regulatory Information

**United States Regulations**

**Inventory Listing (TSCA):** All ingredients are listed-active or exempt.

**Significant New Use Rule (TSCA Section 5):** None of the ingredients are listed.

**Export Notification under TSCA Section 12(b):** None of the ingredients are listed.

**SARA Section 302 Extremely Hazardous Substances:** None of the ingredients are listed.
**SARA Section 313 Toxic Chemicals:** None of the ingredients are listed.
**CERCLA:** None of the ingredients are listed.
**RCRA:** None of the ingredients are listed.
**Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.
**Massachusetts Right to Know:** None of the ingredients are listed.
**New Jersey Right to Know:** None of the ingredients are listed.
**New York Right to Know:** None of the ingredients are listed.
**Pennsylvania Right to Know:** None of the ingredients are listed.
**California Proposition 65:** None of the ingredients are listed.
**Additional information:** Not determined.

## SECTION 16: Other Information

**Abbreviations and Acronyms:** None
**Disclaimer:**
This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.
**Initial Preparation Date:** 09.27.2024

**End of Safety Data Sheet**