

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial Preparation Date: 08.14.2023

Revision date: 08.14.2023

Predator Bug and Tar Remover

SECTION 1: Identification

Product Identifier

Product Name: Predator Bug and Tar Remover Product code: PRED-801

Recommended Use of the Product and Restriction on Use Relevant Identified Uses: Ready to use Specialty Alkaline Cleaner Uses Advised Against: NA Reasons Why Uses Advised Against: Not determined or not applicable.

Manufacturer or Supplier Details

Manufacturer: United States JBS Industries 2726 Henkle Drive Lebanon, Ohio 45036 513-228-2800 SBAETEN@JBSINDUSTRIES.COM

Emergency Telephone Number:

North America CHEMTREC 800-424-9300 (24 hours)

SECTION 2: Hazard(s) Identification

GHS Classification:

Skin corrosion, category 1B Serious eye damage, category 1 Skin sensitization, category 1 Carcinogenicity, category 2 Specific target organ toxicity - single exposure, category 3, respiratory tract irritation Specific target organ toxicity - repeated exposure, category 2

Label elements

Hazard Pictograms:



Signal Word: Danger

Hazard statements:

H317 May cause an allergic skin reaction

- H351 Suspected of causing cancer.
- H373 May cause damage to organs through prolonged or repeated exposure.

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H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

H335 May cause respiratory irritation

Precautionary Statements:

P272 Contaminated work clothing must not be allowed out of the workplace

P280 Wear protective gloves/protective clothing/eye protection/face protection

P202 Do not handle until all safety precautions have been read and understood

P260 Do not breathe dust/fume/gas/mist/vapors/spray

P264 Wash hands thoroughly after handling

P271 Use only outdoors or in a well-ventilated area

P302+P352 IF ON SKIN: Wash with plenty of water/ ...

P333+P313 If skin irritation or rash occurs: Get medical advice/attention

P314 Get medical advice/attention if you feel unwell

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P405 Store locked up

P403+P233 Store in a well-ventilated place. Keep container tightly closed

P501 It is the responsibility of the waste generator to characterize all waste material according to regulatory entities.

Hazards Not Otherwise Classified: None

SECTION 3: Composition/Information on Ingredients

| Identification | Name | Weight % |
|---------------------------|--|----------|
| CAS Number: 68515-73-1 | D-Glucopyranose, oligomers, decyl octyl glycosides | <80 |
| CAS Number: 7732-18-5 | Water | <66.9 |
| CAS Number: 68439-46-3 | Alcohols, C9-11, branched and linear, ethoxylated | <50 |
| CAS Number: 5064-31-3 | Trisodium nitrilotriacetate | 0.1-10 |
| CAS Number: 6834-92-0 | Disodium metasilicate | <25 |
| CAS Number: 61789-40-0 | 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | <15 |
| CAS Number: 8028-48-6 | Orange, sweet, ext. | <20 |
| CAS Number: 1300-72-7 | Sodium Xylenesulfonate | <20 |

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| CAS Number: 84133-50-6 | Alcohols, C12-14-secondary, ethoxylated | <10 |
|---------------------------|---|---------|
| CAS Number: 56-81-5 | Glycerol | <1.95 |
| CAS Number: 7757-82-6 | Sodium sulphate | <1.2 |
| CAS Number: 25322-68-3 | Poly (ethylene oxide) | <0.3 |
| CAS Number: 50-00-0 | Formaldehyde | <0.0585 |
| CAS Number: 79-43-6 | Dichloroacetic acid | <0.0585 |
| CAS Number: 75-21-8 | Ethylene oxide | <0.05 |
| CAS Number: 123-91-1 | 1,4-dioxane | <0.05 |

Additional Information: None

SECTION 4: First Aid Measures

Description of First Aid Measures

General Notes:

Not determined or not applicable.

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 water for several 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:

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:

Exposure to skin may result in redness, pain, burning, inflammation and tissue damage. Exposure to eyes may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision. Exposure via inhalation may result in cough, sore throat, burning sensation and shortness of breath. Exposure via ingestion may result in burns of the mouth and throat, abdominal pain, burning

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sensation in the throat and chest, nausea, vomiting, shock or collapse.

Delayed Symptoms and Effects:

May cause damage to organs through prolonged or repeated exposure. Effects are dependent on exposure (dose, concentration, contact time).

Suspected of causing cancer. Effects are dependent on exposure (dose, concentration, contact time).

Immediate Medical Attention and Special Treatment

Specific Treatment:

If respiratory symptoms persist, seek medical attention.

In case of eye contact, seek prompt medical attention while rinsing is continued.

In case of skin contact, seek prompt medical attention while rinsing is continued.

In case of ingestion, seek prompt medical attention.

Notes for the Doctor:

Not determined or not applicable.

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). Avoid contact with skin, eyes and clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling.

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. 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).

Reference to Other Sections:

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

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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 and dry location and out of direct sunlight. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use. Keep away from food and beverages. Protect from freezing and physical damage.

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|--------------------------|---------------------|------------|---|
| ACGIH | Dichloroacetic acid | 79-43-6 | 8-Hour TWA: 0.5 ppm |
| | Ethylene oxide | 75-21-8 | 8-Hour TWA: 1 ppm |
| | Glycerol | 56-81-5 | TLV-TWA: 10 mg/m ³ (8 hr, Particles, insoluble or poorly soluble, not otherwise specified, inhalable) |
| | Glycerol | 56-81-5 | TLV-TWA: 3 mg/m ³ (8 hr, Particles, insoluble or poorly soluble, not otherwise specified, respirable) |
| | Formaldehyde | 50-00-0 | 15-Minute STEL: 0.3 ppm |
| | Formaldehyde | 50-00-0 | TLV-TWA: 0.1 ppm (8 hr) |
| | 1,4-dioxane | 123-91-1 | 8-Hour TWA: 20 ppm |
| NIOSH | Ethylene oxide | 75-21-8 | IDLH: 800 ppm |
| | Ethylene oxide | 75-21-8 | Ceiling Limit: 9 mg/m ³ (5 ppm [10-min/day]) |
| | Ethylene oxide | 75-21-8 | REL-TWA: 0.18 mg/m ³ (0.1 ppm [up to 10 hr]) |
| | Formaldehyde | 50-00-0 | IDLH: 20 ppm |
| | Formaldehyde | 50-00-0 | Ceiling Limit: 0.1 ppm ([15- min]) |
| | Formaldehyde | 50-00-0 | REL: 0.016 ppm ([for up to a 10-hour workday) |
| | 1,4-dioxane | 123-91-1 | IDLH: 500 ppm |
| | 1,4-dioxane | 123-91-1 | Ceiling Limit: 3.6 mg/m³ (1 ppm [30-min]) |
| OSHA | Ethylene oxide | 75-21-8 | 8-Hour TWA-PEL: 1 ppm |
| | Ethylene oxide | 75-21-8 | 15-Minute STEL: 5 ppm |
| | Glycerol | 56-81-5 | 8-Hour TWA-PEL: 15 mg/m ³ (Mist, total) |
| | Glycerol | 56-81-5 | 8-Hour TWA-PEL: 5 mg/m ³ (Mist, respirable fraction) |

Occupational Exposure Limit Values:

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| Country (Legal Basis) | Substance | Identifier | Permissible concentration |
|------------------------------|-----------------------|------------|---|
| | Formaldehyde | 50-00-0 | STEL: 2 ppm |
| | Formaldehyde | 50-00-0 | TWA: 0.75 ppm |
| | Ethylene oxide | 75-21-8 | 8-Hour TWA: 0.5 ppm (Action level) |
| | 1,4-dioxane | 123-91-1 | 8-Hour TWA-PEL: 360 mg/m ³ (100 ppm) |
| United States(California) | Ethylene oxide | 75-21-8 | 15-Minute STEL: 5 ppm |
| | Ethylene oxide | 75-21-8 | 8-Hour TWA-PEL: 2 mg/m ³ (1 ppm) |
| | Ethylene oxide | 75-21-8 | 8-Hour TWA: 0.5 ppm (Action level) |
| | Glycerol | 56-81-5 | 8-Hour TWA-PEL: 10 mg/m ³ (Particulates not otherwise regulated, total dust) |
| | Glycerol | 56-81-5 | 8-Hour TWA-PEL: 5 mg/m ³ (Particulates not otherwise regulated, respirable fraction) |
| | Formaldehyde | 50-00-0 | 15-Minute STEL: 2 ppm |
| | Formaldehyde | 50-00-0 | 8-Hour TWA-PEL: 0.75 ppm |
| | Formaldehyde | 50-00-0 | REL: 55 ug/m ³ (Acute Inhalation) |
| | Formaldehyde | 50-00-0 | REL: 9 ug/m ³ (Chronic Inhalation) |
| | 1,4-dioxane | 123-91-1 | 8-Hour TWA-PEL: 1 mg/m ³ (0.28 ppm) |
| WEEL | Poly (ethylene oxide) | 25322-68-3 | 8-Hour TWA: 10 mg/m ³ |

Biological Limit Values:

| Country (Legal Basis) | Substance | ldentifi er | Determinant | Specimen | Sampling time | Permissible limits |
|-----------------------|----------------|----------------|--|------------------------|------------------|-----------------------|
| ACGIH | Ethylene oxide | 75-21-8 | N-(2- hydroxyethyl)- valine (HEV) hemoglobin adducts | Hemoglobin adducts | Not critical | 5000 pmol/g |
| | Ethylene oxide | | S-(2- hydroxyethyl) mercapturic acid (HEMA) | Creatinine in urine | End of shift | 5 μg/g |

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

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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.

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 | Liquid |
|---|----------------------------------|
| Odor | Std. |
| Odor threshold | Not determined or not available. |
| рН | 10 |
| Melting point/freezing point | Not determined or not available. |
| Initial boiling point/range | Not determined or not available. |
| Flash point (closed cup) | Not determined or not available. |
| 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 | Not determined or not available. |
| Solubilities | Not determined or not available. |
| 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. |

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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:

Avoid generation of aerosols and mists, extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

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

Incompatible Materials:

None known.

Hazardous Decomposition Products:

None known.

SECTION 11: Toxicological Information

Acute Toxicity

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

Product Data: No data available.

| Name | Route | Result | | |
|---|----------------|--------------------------------------|--|--|
| Trisodium nitrilotriacetate | oral | LD50 Rat: 1100 mg/kg | | |
| | dermal | LD50 Rabbit: >2000 mg/kg | | |
| | inhalation | LC50 Rat: >5 mg/L (4 hr - Aerosol) | | |
| D-Glucopyranose, oligomers, | oral | LD50 Rat: > 2000 mg/kg | | |
| decyl octyl glycosides | dermal | LD50 Rabbit: > 2000 mg/kg | | |
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, | | LD50 Rat: 4900 mg/kg | | |
| N-coco acyl derivs., hydroxides, inner salts | dermal | LD50 Rat: > 2000 mg/kg | | |
| Formaldehyde | oral | LD50 Rat: 100 mg/kg | | |
| | inhalation | LC50 Rat: 3 mg/L (4 hr [vapor]) | | |
| | dermal | LD50 Rat: 300 mg/kg | | |
| Sodium sulphate | oral | LD50 Rat: > 2000 mg/kg | | |
| | inhalation | LC50 Rat: > 2.4 mg/L (4 hr - Dust) | | |
| Dichloroacetic acid | dermal | LD50 Rabbit: 797 mg/kg | | |
| | oral | LD50 Rat: 2820 mg/kg | | |
| Ethylene oxide | Inhalation ATE | LC50 Rat: 700 ppmV (4 hr (Gas)) | | |
| | Oral ATE | LD50 Rat: 100 mg/kg | | |
| Disodium metasilicate | dermal | LD50 Rat: > 5000 mg/kg | | |
| | oral | LD50 Rat: 1152 mg/kg | | |
| | inhalation | LC50 Rat: > 2.06 mg/L (4 hr [vapor]) | | |
| Orange, sweet, ext. | oral | LD50 Rat: >5000 mg/kg | | |
| | dermal | LD50 Rabbit: >5000 mg/kg | | |

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| Name | Route | Result | |
|-------------------------------|------------|---|--|
| Sodium Xylenesulfonate | dermal | LD50 Rabbit: >= 2000 mg/kg | |
| | oral | LD50 Rat: >= 3346 mg/kg | |
| Glycerol | oral | LD50 Rat: 27,200 mg/kg | |
| | dermal | LD50 Guinea Pig: 56,750 mg/kg | |
| | inhalation | LC50 Rat: > 5850 mg/m ³ (4 hr [Aerosol]) | |
| 1,4-dioxane | oral | LD50 Rat: 5150 mg/kg | |
| | dermal | LD50 Rabbit: 7600 mg/kg | |
| | inhalation | LC50 Rat: 9158 ppmV (4 hr - Vapor) | |
| Alcohols, C9-11, branched and | Oral ATE | LD50 Rat: 500 mg/kg | |
| linear, ethoxylated | dermal | LD50 Rabbit: > 2000 mg/kg | |
| | inhalation | LC50 Rat: >1.6 mg/m ³ (4 hr [Aerosol]) | |
| Poly (ethylene oxide) | dermal | LD50 Rat: >2000 mg/kg | |
| | oral | LD50 Rat: >2000 mg/kg | |

Skin Corrosion/Irritation

Assessment:

Causes severe skin burns and eye damage.

Product Data:

No data available.

Substance Data:

| Name | Result |
|--|---------------------------|
| Disodium metasilicate | Causes severe skin burns. |
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | |
| Orange, sweet, ext. | Causes skin irritation. |
| Formaldehyde | Causes severe skin burns. |
| Dichloroacetic acid | Causes severe skin burns. |
| Ethylene oxide | Causes severe skin burns. |
| Alcohols, C12-14-secondary, ethoxylated | Causes skin irritation. |

Serious Eye Damage/Irritation

Assessment:

Causes serious eye damage.

Product Data:

No data available.

| Name | Result |
|---|--------------------------------|
| D-Glucopyranose, oligomers, decyl octyl glycosides | Causes serious eye damage. |
| Disodium metasilicate | Causes serious eye damage. |
| Trisodium nitrilotriacetate | Causes serious eye irritation. |

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| Name | Result |
|--|--------------------------------|
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | |
| Sodium Xylenesulfonate | Causes serious eye irritation. |
| Formaldehyde | Causes serious eye damage. |
| Dichloroacetic acid | Causes serious eye damage. |
| Ethylene oxide | Causes serious eye damage. |
| 1,4-dioxane | Causes serious eye irritation. |
| Alcohols, C9-11, branched and linear, ethoxylated | Causes serious eye damage. |
| Alcohols, C12-14-secondary, ethoxylated | Causes serious eye damage. |

Respiratory or Skin Sensitization

Assessment:

May cause an allergic skin reaction.

Product Data:

No data available.

Substance Data:

| Name | Result |
|---------------------|--------------------------------------|
| Orange, sweet, ext. | May cause an allergic skin reaction. |
| Formaldehyde | May cause an allergic skin reaction. |

Carcinogenicity

Assessment:

Suspected of causing cancer.

Product Data: No data available.

Substance Data:

| Name | Species | Result |
|-----------------------------|---------|--|
| Formaldehyde | | May cause cancer. |
| Ethylene oxide | | May cause cancer. |
| Trisodium nitrilotriacetate | | Suspected of causing cancer. |
| 1,4-dioxane | | May cause cancer. 1,4-dioxane is characterized as "likely to be carcinogenic to humans." This characterization is based on the following findings: (1) inadequate evidence of carcinogenicity in humans, and (2) sufficient evidence in animals (i.e., hepatic tumors in multiple species [three strains of rats, two strains of mouse, and in guinea pigs] mesotheliomas of the peritoneum, mammary, and nasal tumors have also been observed in rats following 2 years of oral exposure to 1,4- dioxane). U.S. Environmental Protection Agency's Integrated Risk Information System (IRIS). |
| Dichloroacetic acid | | Suspected of causing cancer. |

International Agency for Research on Cancer (IARC):

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| Name | Classification |
|--|----------------|
| Water | Not Applicable |
| Formaldehyde | Group 1 |
| D-Glucopyranose, oligomers, decyl octyl glycosides | Not Applicable |
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Not Applicable |
| Sodium sulphate | Not Applicable |
| Dichloroacetic acid | Group 2B |
| Ethylene oxide | Group 1 |
| Disodium metasilicate | Not Applicable |
| Orange, sweet, ext. | Not Applicable |
| Sodium Xylenesulfonate | Not Applicable |
| Glycerol | Not Applicable |
| Trisodium nitrilotriacetate | Group 2B |
| Alcohols, C9-11, branched and linear, ethoxylated | Not Applicable |
| 1,4-dioxane | Group 2B |
| Poly (ethylene oxide) | Not Applicable |
| Alcohols, C12-14-secondary, ethoxylated | Not Applicable |

National Toxicology Program (NTP):

| Name | Classification |
|--|--|
| Water | Not Applicable |
| Formaldehyde | Known to be human carcinogens |
| D-Glucopyranose, oligomers, decyl octyl glycosides | Not Applicable |
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | |
| Sodium sulphate | Not Applicable |
| Dichloroacetic acid | Reasonably anticipated to be human carcinogens |
| Ethylene oxide | Known to be human carcinogens |
| Disodium metasilicate | Not Applicable |
| Orange, sweet, ext. | Not Applicable |
| Sodium Xylenesulfonate | Not Applicable |
| Glycerol | Not Applicable |
| Trisodium nitrilotriacetate | Not Applicable |
| Alcohols, C9-11, branched and linear, ethoxylated | Not Applicable |
| 1,4-dioxane | Reasonably anticipated to be human carcinogens |

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| Name | Classification |
|--|----------------|
| Poly (ethylene oxide) | Not Applicable |
| Alcohols, C12-14-secondary, ethoxylated | Not Applicable |

OSHA Carcinogens:

| Ingredient Name | CAS | OSHA Carcinogens Status |
|-----------------|---------|-------------------------|
| Formaldehyde | 50-00-0 | Yes |

Germ Cell Mutagenicity

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

Product Data:

No data available.

Substance Data:

| Name | Result |
|----------------|---------------------------------------|
| Formaldehyde | Suspected of causing genetic defects. |
| Ethylene oxide | May cause genetic defects. |

Reproductive Toxicity

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

Product Data:

No data available.

Substance Data:

| Name | Result |
|---------------------|---|
| Ethylene oxide | May damage fertility. Suspected of damaging the unborn child. |
| Dichloroacetic acid | May damage fertility or the unborn child. |
| | May cause harm to breast-fed children. |

Specific Target Organ Toxicity (Single Exposure)

Assessment:

May cause respiratory irritation.

Product Data:

No data available.

Substance Data:

| Name | Result |
|-----------------------|------------------------------------|
| Disodium metasilicate | May cause respiratory irritation. |
| Formaldehyde | May cause respiratory irritation. |
| Ethylene oxide | May cause respiratory irritation. |
| | May cause drowsiness or dizziness. |
| 1,4-dioxane | May cause respiratory irritation. |

Specific Target Organ Toxicity (Repeated Exposure)

Assessment:

May cause damage to organs through prolonged or repeated exposure.

Product Data:

No data available.

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| Ethylene oxide | Studies on the effects of Ethylene oxide have concluded not only neurotoxic symptoms in humans, but also measured effects on nerve conduction velocities indicative of sensorimotor neuropathy, and axonal degeneration observed in nerve biopsies of exposed workers. |
| Dichloroacetic acid | May cause damage to organs (brain, liver, testes) through prolonged or repeated exposure |

Aspiration toxicity

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

Product Data:

No data available.

Substance Data:

| Name | Result |
|---------------------|--|
| Orange, sweet, ext. | Maybe 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.

| Name | Result |
|---|--|
| D-Glucopyranose, oligomers, decyl octyl glycosides | Fish LC50 Danio rerio: 100.81 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: > 100 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Desmodesmus subspicatus: 27.22 mg/L (72 hr [growth rate]) |
| (carboxymethyl)-N,N-dimethyl-, | |
| N-coco acyl derivs., hydroxides, inner salts | Aquatic Invertebrates EC50 Daphnia magna: 6.4 mg/L (48 hr [mobility]) |
| Sodium sulphate | Fish LC50 Pimephales promelas: 7960 mg/L (96 hr) |
| | Aquatic Invertebrates LC50 Daphnia magna: 1766 mg/L (48 hr) |
| Dichloroacetic acid | Fish LC50 Marine water fish: >2000 mg/L (96 h) |
| | Aquatic Plants EC50 Marine water algae: 148.2 mg/L (72 h [cell number]) |
| Ethylene oxide | Aquatic Plants EC50 Pseudokirchneriella subcapitata: 240 mg/L (96 h, read-across substance data) |
| | Aquatic Invertebrates LC50 Daphnia magna: 212 mg/L (48 h) |
| | Fish LC50 Pimephales promelas: 84 mg/L (96 h) |

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| Name | Result |
|-------------------------------|---|
| Disodium metasilicate | Aquatic Plants EC50 Freshwater algae: 207 mg/L (72 hr [biomass; read- across]) |
| | Fish LC50 Danio rerio: 210 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 1700 mg/L (48 hr [read- across]) |
| Orange, sweet, ext. | Aquatic Plants EC50 Desmodesmus subspicatus: 150 mg/L (72 hr [growth rate]) |
| | Aquatic Invertebrates EC50 Daphnia magna: 8.5 mg/L (48 hr [mobility]) |
| Sodium Xylenesulfonate | Aquatic Plants EC50 Selenastrum capricornutum: >=758 mg/L (96 hr [growth rate; read-across]) |
| | Fish LC50 Oncorhynchus mykiss: >=1580 mg/L (96 hr [read-across]) |
| | Aquatic Invertebrates EC50 Daphnia magna: >1020 mg/L (48 hr [mobility; read-across]) |
| Glycerol | Fish LC50 Oncorhynchus mykiss: 54,000 mg/L (96 hr) |
| | Aquatic Invertebrates LC50 Daphnia magna: 1955 mg/L (48 hr) |
| Trisodium nitrilotriacetate | Fish LC50 Pimephales promelas: 114 mg/L (96 hr) |
| | Aquatic Plants EC50 Desmodesmus subspicatus: >100 mg/L (72 hr [growth rate]) |
| | Aquatic Invertebrates EC50 Daphnia magna: 560 mg/L (96 hr [mortality]) |
| Alcohols, C9-11, branched and | Fish LC50 Oncorhynchus mykiss: 5 - 7 mg/L (96 hr) |
| linear, ethoxylated | Aquatic Invertebrates EC50 Daphnia magna: 2.5 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Raphidocelis subcapitata: 1.4 mg/L (96 hr [cell number]) |
| Formaldehyde | Fish LC50 Morone saxatilis: 6.7 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia pulex: 5.8 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Desmodesmus subspicatus: 3.48 mg/L (72 hr [biomass]) |
| 1,4-dioxane | Fish LC50 Pimephales promelas: 9850 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: >1000 mg/L (48 hr) |
| | Aquatic Plants EC50 Pseudokirchneriella subcapitata: >1000 mg/L (72 hr) |
| Poly (ethylene oxide) | Fish LC50 Poecilia reticulata: > 100 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: > 100 mg/L (48 hr [mobility]) |
| | Aquatic Plants EC50 Desmodesmus subspicatus: >100 mg/L (96 hr [growth rate]) |

Chronic (Long-Term) Toxicity

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

Product Data: No data available.

| Name | Result | |
|------------------------|---|--|
| | Fish NOEC Danio rerio: 1.8 mg/L (28 d [read-across]) | |
| decyl octyl glycosides | Aquatic Invertebrates NOEC Daphnia magna: 2 mg/L (21 d [read-across]) | |

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| Name | Result | |
|--|--|--|
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | | |
| Sodium sulphate | Aquatic Invertebrates EC50 Ceriodaphnia dubia: 1698 mg/L (7 d [reproduction]) | |
| Trisodium nitrilotriacetate | Aquatic Invertebrates LC50 Pagurus longicarpus: 1875 mg/L (7 d) | |
| Alcohols, C9-11, branched and linear, ethoxylated | Fish NOEC Lepomis macrochirus: > 0.33 mg/L (30 d [mortality]) | |
| | Aquatic Invertebrates NOEC Daphnia magna: 0.77 mg/L (21 d [reproduction]) | |
| Glycerol | Aquatic Plants EC50 freshwater algae: 2900 mg/L (8 d) | |
| Formaldehyde | Aquatic Invertebrates NOEC Daphnia magna: 1.04 mg/L (21 d) | |
| | Fish LC50 Danio rerio: 6.9 mg/L (6 d) | |
| 1,4-dioxane | Fish NOEC Pimephales promelas: 145 mg/L (32 d) | |
| | Aquatic Invertebrates NOEC Daphnia magna: 1000 mg/L (21 d) | |
| Poly (ethylene oxide) | Aquatic Invertebrates NOEC Daphnia magna: 17,475 mg/L (21 d [QSAR]) | |
| | Fish NOEC guppy fish: 13,671 mg/L (28 d (read-across substance)) | |

Persistence and Degradability

Product Data: No data available.

| Name | Result | |
|--|--|--|
| D-Glucopyranose, oligomers, decyl octyl glycosides | The substance is readily biodegradable in water. 100% degradation, measured by DOC removal, after 28 days. | |
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | Readily biodegradable in water (50% degradation after 1 day; >90% degradation after 5 days). | |
| Formaldehyde | Substance is readily biodegradable 99% degradation measured by DOC removal after 28 days. | |
| Dichloroacetic acid | The substance is readily biodegradable. 93% degradation, measured by Oxygen consumption, after 15 days. | |
| Ethylene oxide | Readily biodegradable (96% degradation after 28 days, measured by TOC removal). | |
| Disodium metasilicate | Biodegradation studies are not applicable to inorganic substances. | |
| Orange, sweet, ext. | The substance is readily biodegradable. 75% degradation, measured by O2 consumption, after 28 days. | |
| Sodium Xylenesulfonate | The substance is readily biodegradable. 83 - 85% degradation, measured by CO2 evolution, after 28 days. | |
| Glycerol | The substance is readily biodegradable. 94% degradation, measured by TOC removal, after 24 hr. | |
| Trisodium nitrilotriacetate | Substance is readily biodegradable. >95% degradation in water, measured by DOC removal, after 28 days. | |
| 1,4-dioxane | Not readily biodegradable (< 10% degradation after 29 days, measured by CO2 evolution). | |
| Alcohols, C9-11, branched and linear, ethoxylated | Substance is Readily biodegradable. 72% degradation in water, measured by inorganic C analysis, after 28 days. | |

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| Name | Result |
|-----------------------|--|
| Poly (ethylene oxide) | Readily biodegradable (74.85% degradation [O2 consumption] after 28 days). |

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

| Name | Result | |
|--|---|--|
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts | | |
| Formaldehyde | Accumulation in aquatic organisms is not to be expected [BCF (aquatic species): 0.396 dimensionless]. | |
| Sodium sulphate | This substance is not expected to bioaccumulate. It dissociates in water and the sulfate ion is easily reduced in the sulfur cycle. | |
| Dichloroacetic acid | his substance has low potential for bioaccumulation. | |
| Ethylene oxide | Low potential for bioaccumulation ($logKow = -0.3$). | |
| Disodium metasilicate | Silicon is an essential trace element participating in the normal metabolism of higher animals. | |
| Orange, sweet, ext. | The substance has a low potential for bioaccumulation. BCF [QSAR]: 32 L/kg - 395 L/kg | |
| Glycerol | The substance has a low potential for bioaccumulation based on log Kow $<=3$. | |
| Trisodium nitrilotriacetate | Bioaccumulation is not expected. BCF (aquatic species): 3 L/kg ww | |
| Alcohols, C9-11, branched and linear, ethoxylated | The substance has the potential to bioaccumulate (log $Pow=3.3 - 3.73$). | |
| 1,4-dioxane | Does not accumulate in aquatic organisms (mean BCF: 0.45). | |
| Poly (ethylene oxide) | Not bioaccumulative in aquatic organisms (calculated BCF: 3.162 L/Kg ww). | |

Mobility in Soil

Product Data: No data available.

| Name | Result |
|---|---|
| | Substance is mobile to moderately mobile (experimental log Koc: 1.812 dimensionless; calculated Koc: 648 L/kg); therefore, moderate adsorption to soil can be expected. |
| D-Glucopyranose, oligomers, decyl octyl glycosides | Substance is expected to be mobile (log Koc: 1.7); therefore, adsorption to soil is not expected. |
| Formaldehyde | Adsorption to solid soil phase is possible. [Koc at 20 °C: 15.9] |
| Sodium sulphate | This substance is not expected to adsorb onto soil or sediment. It dissociates in water and the sulfate ion is easily reduced in the sulfur cycle. |
| Dichloroacetic acid | This substance will not adsorb at all to soils or sediments should these environmental compartments be exposed to it. |
| Trisodium nitrilotriacetate | The substance has a low potential for adsorption to soil and sediment. log Kp (sediment-water): 1.6 L/kg |

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| Name | Result |
|---|--|
| Alcohols, C9-11, branched and linear, ethoxylated | The substance is moderately mobile (log Koc: 1.575 - 2.365). |
| 1,4-dioxane | Significant adsorption to solid soil phase is not expected (calculated log Koc: 0.51 at 25 $^{\circ}$ C). |
| Poly (ethylene oxide) | Substance is mobile in soil with a low potential for adsorption to soil and sediment. (at 25 °C log Koc: 1.857 dimensionless). |

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:

| D-Glucopyranose, oligomers, decyl octyl glycosides | The substance is not PBT. |
|---|---|
| Disodium metasilicate | PBT assessment does not apply to inorganic substances. |
| Trisodium nitrilotriacetate | The substance is not PBT. |
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N- dimethyl-, N-coco acyl derivs., hydroxides, inner salts | The substance is not PBT. |
| Sodium sulphate | PBT assessment does not apply to inorganic substances. |
| Orange, sweet, ext. | The substance is not PBT. |
| Formaldehyde | Not a PBT substance. |
| Dichloroacetic acid | The substance is not PBT. |
| Ethylene oxide | This substance is not PBT. |
| Sodium Xylenesulfonate | The substance is not PBT. |
| Glycerol | The substance is not PBT. |
| Alcohols, C9-11, branched and linear, ethoxylated | The substance is not PBT. |
| 1,4-dioxane | Under assessment as Persistent, Bioaccumulative and Toxic (PBT list). |
| Poly (ethylene oxide) | The substance is not PBT. |
| vPvB assessment: | |
| D-Glucopyranose, oligomers, decyl octyl glycosides | The substance is not vPvB. |
| Trisodium nitrilotriacetate | The substance is not vPvB. |
| 1-Propanaminium, 3-amino-N- (carboxymethyl)-N,N- dimethyl-, N-coco acyl derivs., hydroxides, inner salts | The substance is not vPvB. |
| Sodium sulphate | vPvB assessment does not apply to inorganic substances. |
| Orange, sweet, ext. | The substance is not vPvB. |
| Formaldehyde | Not a vPvB substance. |
| Dichloroacetic acid | The substance is not vPvB. |
| Ethylene oxide | This substance is not vPvB. |
| Disodium metasilicate | vPvB assessment does not apply to this substance as it is inorganic. |
| | |

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| Sodium Xylenesulfonate | The substance is not vPvB. |
|---|-----------------------------|
| Glycerol | The substance is not vPvB. |
| Alcohols, C9-11, branched and linear, ethoxylated | The substance is not vPvB. |
| 1,4-dioxane | This substance is not vPvB. |
| Poly (ethylene oxide) | 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 characterize all waste material according to regulatory entities.

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

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| 50-00-0 Formaldehyde Listed 75-21-8 Ethylene oxide Listed 504-31-3 Trisodium nitrilotriacetate Listed 123-91-1 1,4-dioxane Listed RCLA: | | on under TSCA Section 12(b): None of the ingre | | |
|--|-----------------|--|--------|----------|
| T5-21-8Ethylene oxideListerS0-00-0FormaldehydeLister50-00-0FormaldehydeLister50-61-31-3Trisodium nitrilotriacetateLister123-91-11,4-dioxaneListerRCLA:IsterIster50-00-0FormaldehydeLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister123-91-11,4-dioxaneLister121-7fthe Clean Air Act (CAA):So-00-050-00-0FormaldehydeLister75-21-8Ethylene oxideLister121-7fthe Chean Air Act (CAA):Lister50-00-0FormaldehydeLister75-21-8Ethylene oxideLister50-60-0FormaldehydeLister50-61-3Trisodium nitrilotriacetateLister50-61-3Trisodium nitrilotriacetateLister50-60-0FormaldehydeLister123-91-11,4-dioxaneLister50-00-0FormaldehydeLister123-91-11,4-dioxaneLister50-00-0FormaldehydeLister50-11-3Dichloroacetic acidLister50-1 | | | | <u> </u> |
| RA Section 313 Toxic Chemicals: | | | | |
| 50-00-0 Formaldehyde Listed 75-21-8 Ethylene oxide Listed 5064-31-3 Trisodium nitrilotriacetate Listed 123-91-1 1,4-dioxane Listed 8CLA: | | | | Listed |
| 75-21-8Ethylene oxideListed5064-31-3Trisodium nitrilotriacetateListed123-91-11,4-dioxaneListed50-00-0FormaldehydeListed50-21-8Ethylene oxideListed123-91-11,4-dioxaneListed123-91-11,4-dioxaneListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed123-91-11,4-dioxaneListed123-91-11,4-dioxaneListed123-91-11,4-dioxaneListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-21-8Ethylene oxideListed50-63-1-3GiycerolListed50-64-31-3Trisodium nitrilotriacetateListed50-60-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeListed50-00-0FormaldehydeLi | | | | <u> </u> |
| 5064-31-3 Trisodium nitrilotriacetate Listed 123-91-1 1,4-dioxane Listed 50-00-0 Formaldehyde Listed 100 II 75-21-8 Ethylene oxide Listed 100 II 123-91-1 1,4-dioxane Listed 100 II 75-21-8 Ethylene oxide Listed 100 II 123-91-1 1,4-dioxane Listed U122 75-21-8 Ethylene oxide Listed U122 75-21-8 Ethylene oxide Listed U115 123-91-1 1,4-dioxane Listed U122 75-21-8 Ethylene oxide Listed U108 ction 12(r) of the Clean Air Act (CAA): Soo0-0 Formaldehyde Listee 50-00-0 Formaldehyde Listee Listee 757-82-6 Sodium sulphate Listee Listee 50-64-31-3 Trisodium nitrilotriacetate Listee Listee 50-60-0 Formaldehyde Listee Listee 721-8 Ethylene oxide | | - | | |
| 123-91-1 1,4-dioxane Listed S0-00-0 Formaldehyde Listed 100 II 75-21-8 Ethylene oxide Listed 10 Ib 123-91-1 1,4-dioxane Listed 100 II S0-00-0 Formaldehyde Listed 100 II SRA: 100 II 100 II SRA: 100 II 100 II S0-00-0 Formaldehyde Listed U122 75-21-8 Ethylene oxide Listed U135 123-91-1 1,4-dioxane Listed U108 ction 112(r) of the Clean Air Act (CAA): U158 50-00-0 Formaldehyde Listed Listed U158 S0-00-0 Formaldehyde Listed Listed U158 S0-00-0 Formaldehyde Listed Listed U158 S0-00-0 Formaldehyde Listed Listed S0-00-0 Formaldehyde Listed Listed S0-00-0 Formaldehyde | | - | | _ |
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| 75-21-8 Ethylene oxide Listed 10 lbs 123-91-1 1,4-dioxane Listed 100 lb RA: 50-00-0 Formaldehyde Listed U122 75-21-8 Ethylene oxide Listed U122 123-91-1 1,4-dioxane Listed U123 123-91-1 1,4-dioxane Listed U108 ction 112(r) of the Clean Air Act (CAA): 50-00-0 Formaldehyde Listed 50-00-0 Formaldehyde Listed Listed U108 ction 112(r) of the Clean Air Act (CAA): 50-00-0 Formaldehyde Listed 50-00-0 Formaldehyde Listed Listed Listed 775-782-6 Sodium sulphate Listed Listed Listed 50-60-0 Formaldehyde Listed Listed Listed 50-61-31-3 Trisodium nitrilotriacetate Listed Listed 50-60-0 Formaldehyde Listed Listed 75-21-8 Ethylene oxide Listed Listed | | | i | |
| 123-91-1 1,4-dioxane Listed 100 II RA: 50-00.0 Formaldehyde Listed U122 75-21-8 Ethylene oxide Listed U121 123-91-1 1,4-dioxane Listed U122 75-21-8 Ethylene oxide Listed U108 cction 112(r) of the Clean Air Act (CAA): | | | | 100 lb |
| RA:IstedU12250-000FormaldehydeListedU12275-21-8Ethylene oxideListedU115123-91-11,4-dioxaneListedU108ction 112(r) of the Clean Air Act (CAA):50-00-0FormaldehydeListed50-00-0FormaldehydeListedListed75-21-8Ethylene oxideListedListedassachusetts Right to Know:1ListedListed7757-82-6Sodium sulphateListedListed50-00-0FormaldehydeListedListed56-81-5GlycerolListedListed50-00-0FormaldehydeListedListed50-00-0FormaldehydeListedListed50-00-0FormaldehydeListedListed50-00-0FormaldehydeListedListed50-00-0FormaldehydeListedListed79-43-6Dichloroacetic acidListedListed50-00-0FormaldehydeListedListed50-00-0FormaldehydeListedListed50-00-0FormaldehydeListedListed757-82-6Sodium sulphateListedListed757-82-6Sodium sulphateListed757-82-6Sodium sulphateListed757-82-6Sodium sulphateListed757-82-6Sodium sulphateListed75-21-8Ethylene oxideListed50-00-0FormaldehydeListed50-00-0Formaldehy | | | | 10 lbs |
| 50-00-0FormaldehydeListedU12275-21-8Ethylene oxideListedU115123-91-11,4-dioxaneListedU108ction 112(r) of the Clean Air Act (CAA): | 123-91-1 | 1,4-dioxane | Listed | 100 lb |
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| 50-00-0 Formaldehyde Listed | 79-43-6 | Dichloroacetic acid | | Listed |
| 50-00-0 Formaldehyde Listed | 75-21-8 | Ethylene oxide | | Listed |
| | | | | Listed |
| | 123-91-1 | | | Listed |
| nnsylvania Right to Know: | 7757-82-6 | Sodium sulphate | | Listed |

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200 Initial Preparation Date: 08.14.2023

Revision date: 08.14.2023

Predator Bug and Tar Remover

| 75-21-8 | Ethylene oxide | Listed |
|----------|----------------|--------|
| 56-81-5 | Glycerol | Listed |
| 50-00-0 | Formaldehyde | Listed |
| 123-91-1 | 1,4-dioxane | Listed |

California Proposition 65:

WARNING: This product can expose you to 1,4-dioxane; which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

WARNING: This product can expose you to chemicals including Dichloroacetic acid and Ethylene oxide; which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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.

NFPA: 0-0-0

HMIS: 0-0-0 Initial Preparation Date: 08.14.2023 Revision date: 08.14.2023

End of Safety Data Sheet