# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

**Initial Preparation Date:** 03.14.2025 

**Revision date:** 03.14.2025

## Shine Time Graphene

## SECTION 1: Identification

### Product Identifier

**Product Name:** Shine Time Graphene

**Product code:** CPS-620

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

**Relevant Identified Uses:** For use as a diluted wax in automatic car wash machinery

**Uses Advised Against:** Direct undiluted wax application to vehicles. This is not a Ready to use formula.

**Reasons Why Uses Advised Against:** Skin irritation and minor skin absorption of substances with chronic effects.

### 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 irritation, category 2
Serious eye damage, category 1
Specific target organ toxicity - single exposure, category 3, narcotic effects
Aspiration hazard, category 1

### Label elements

**Hazard Pictograms:**

**Signal Word:** Danger

### Hazard statements:

H315 Causes skin irritation
H318 Causes serious eye damage

H336 May cause drowsiness or dizziness
H304 May be fatal if swallowed and enters airways

**Precautionary Statements:**

P264 Wash hands thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P261 Avoid breathing dust/fume/gas/mist/vapors/spray
P271 Use only outdoors or in a well-ventilated area
P302+P352 IF ON SKIN: Wash with plenty of water/ ...
P321 Specific treatment (see ... on this label)
P332+P313 If skin irritation occurs: Get medical advice/attention
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
P310 Immediately call a POISON CENTER/doctor/...
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 Call a POISON CENTER/doctor/.../if you feel unwell
P331 Do NOT induce vomiting
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/ ...
P403+P233 Store in a well-ventilated place. Keep container tightly closed
P405 Store locked up
P501 Dispose of contents/container to...

**Hazards Not Otherwise Classified:** None

## SECTION 3: Composition/Information on Ingredients

| Identification | Name | Weight % |
|---|---|---|
| CAS Number: 64741-44-2 | Distillates (petroleum), straight-run middle | <25 |
| CAS Number: Proprietary | polyoxyethylene Tallow Amine | <22.5 |
| CAS Number: N/A | Proprietary Ingredient 1 | <7.5 |
| CAS Number: N/A | Proprietary Ingredient 2 | <5 |
| CAS Number: 1034343-98-0 | Graphene | <2 |
| CAS Number: 52-51-7 | Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | <0.15 |
| CAS Number: 26172-55-4 | 5-Chloro-2-methyl-4-isothiazolin-3-one | <0.015 |

**Additional Information:** None

## 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.

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 symptoms develop or persist, 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:**

Immediately 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. Seek immediate medical attention, preferably from an ophthalmologist.

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.

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, tearing, corneal damage and loss of vision.

Inhalation may have adverse effects on the central nervous system. Symptoms may include drowsiness, dizziness, headache, nausea and lowering of consciousness. Acute overexposure via inhalation may result in respiratory distress, confusion and unconsciousness.

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).

Symptoms of pulmonary edema may be delayed.

**Immediate Medical Attention and Special Treatment**

**Specific Treatment:**

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

Overexposure via inhalation requires urgent medical treatment.

**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). 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.

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. 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. Do not get in eyes. Avoid contact with skin and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

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 | Proprietary Ingredient 1 | N/A | 15-Minute STEL: 400 ppm |
| | Proprietary Ingredient 1 | N/A | 8-Hour TWA: 200 ppm |
| NIOSH | Proprietary Ingredient 1 | N/A | IDLH: 2000 ppm |
| | Proprietary Ingredient 1 | N/A | 15-Minute STEL: 1225 mg/m³ (500 ppm) |
| | Proprietary Ingredient 1 | N/A | REL-TWA: 980 mg/m³ (400 ppm [up to 10 hr]) |
| OSHA | Proprietary Ingredient 1 | N/A | 8-Hour TWA-PEL: 980 mg/m³ (400 ppm) |
| | 5-Chloro-2-methyl-4-isothiazolin-3-one | 26172-55-4 | MAK TWA: 0.2 mg/m³ |
| United States(California) | Proprietary Ingredient 1 | N/A | 8-Hour TWA-PEL: 980 mg/m³ (400 ppm) |
| | Proprietary Ingredient 1 | N/A | 15-Minute STEL: 1225 mg/m³ (500 ppm) |

**Biological Limit Values:**

| Country (Legal Basis) | Substance | Identifier | Determinant | Specimen | Sampling time | Permissible limits |
|---|---|---|---|---|---|---|
| ACGIH | Proprietary Ingredient 1 | N/A | Acetone | Urine | EOS/EOW | 40 mg/L |

**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:**

Use safety glasses with side shields or goggles. Consider the use of a face shield for splash protection. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Full body protection should be worn. 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).

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.

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** | Opaque, charcoal liquid |
| **Odor** | mild petroleum scent |
| **Odor threshold** | not determined |
| **pH** | 5-9 |
| **Melting point/freezing point** | NA |
| **Initial boiling point/range** | >215 F |
| **Flash point (closed cup)** | NA |
| **Evaporation rate** | Not determined or not available. |
| **Flammability (solid, gas)** | NA |
| **Upper flammability/explosive limit** | NA |
| **Lower flammability/explosive limit** | NA |
| **Vapor pressure** | Low |

| | |
|---|---|
| **Vapor density** | >1 |
| **Density** | 0.96 g/mL |
| **Relative density** | 0.96 |
| **Solubilities** | Water, some Alcohols |
| **Partition coefficient (n-octanol/water)** | Not determined or not available. |
| **Auto/Self-ignition temperature** | NA |
| **Decomposition temperature** | Not determined or not available. |
| **Dynamic viscosity** | ~95 cps |
| **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:**
None known.

**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 |
|---|---|---|
| Distillates (petroleum), straight-run middle | inhalation | LC50 Rat: >2.53 mg/L (4 hr [aerosol]) |
| | oral | LD50 Rat: > 5000 mg/kg |
| | dermal | LD50 Rabbit: > 2000 mg/kg |
| Proprietary Ingredient 1 | oral | LD50 Rat: 5840 mg/kg |
| | dermal | LD50 Rabbit: 16,400 mg/kg |
| | inhalation | LC50 Rat: 72.6 mg/L (4 hr [vapor]) |
| polyoxyethylene Tallow Amine | Oral ATE | LD50 Rat: 500 mg/L |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | dermal | LD50 Rat: 1600 mg/kg |
| | oral | LD50 Rat: 307 mg/kg |
| | inhalation | LC50 Rat: > 0.588 mg/L (4 hr [aerosol]) |

| Name | Route | Result |
|---|---|---|
| 5-Chloro-2-methyl-4-isothiazolin-3-one | oral | LD50 Rat: 5 mg/kg |
| | dermal | LD50 Rat: 113 mg/kg |
| | inhalation | LC50 Rat: 0.33 mg/L (4 hr [aerosol]) |

**Skin Corrosion/Irritation**

**Assessment:**

Causes skin irritation.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| polyoxyethylene Tallow Amine | Causes severe skin burns. |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Causes skin irritation. |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | Causes severe skin burns. |

**Serious Eye Damage/Irritation**

**Assessment:**

Causes serious eye damage.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Proprietary Ingredient 1 | Causes serious eye irritation. |
| polyoxyethylene Tallow Amine | Causes serious eye damage. |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Causes serious eye damage. |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | Causes serious eye damage. |

**Respiratory or Skin Sensitization**

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

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| 5-Chloro-2-methyl-4-isothiazolin-3-one | May cause an allergic skin reaction. |
| | May cause respiratory irritation. |

**Carcinogenicity**

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

**Product Data:** No data available.

**Substance Data:** No data available.

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

| Name | Classification |
|---|---|
| Distillates (petroleum), straight-run middle | Not Applicable |
| Proprietary Ingredient 1 | Group 3 |
| polyoxyethylene Tallow Amine | Not Applicable |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Not Applicable |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | Not Applicable |

**National Toxicology Program (NTP):**

| Name | Classification |
|---|---|
| Distillates (petroleum), straight-run middle | Not Applicable |
| Proprietary Ingredient 1 | Not Applicable |
| polyoxyethylene Tallow Amine | Not Applicable |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Not Applicable |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | 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:** Based on available data, the classification criteria are not met.

**Product Data:**

No data available.

**Substance Data:** No data available.

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

**Assessment:**

May cause drowsiness or dizziness.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Proprietary Ingredient 1 | May cause drowsiness or dizziness. |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | May cause respiratory irritation. |

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

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

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Distillates (petroleum), straight-run middle | May cause damage to spleen, liver, and bone marrow through prolonged or repeated exposure. |

**Aspiration toxicity**

**Assessment:**

May be fatal if swallowed and enters airways.

**Product Data:**

No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Distillates (petroleum), straight-run middle | 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 |
|---|---|
| Distillates (petroleum), straight-run middle | Aquatic Invertebrates EC50 Daphnia magna: 2 mg/L (48 hr [mobility; read across]) |
| | Aquatic Plants EC50 Raphidocelis subcapitata: 22 mg/L (72 hr [growth rate; read across]) |
| Proprietary Ingredient 1 | Fish LC50 Pimephales promelas: 9640 mg/L (96 hr [mortality]) |
| | Aquatic Invertebrates EC50 Daphnia magna: 1400 mg/L (48 hr) |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Aquatic Invertebrates EC50 Daphnia magna: 0.69 mg/L (48 hr [mortality]) |
| | Fish LC50 Lepomis macrochirus: 11 mg/L (96 hr [mortality]) |
| | Aquatic Plants EC50 Desmodesmus subspicatus: 0.026 mg/L (72 hr [growth rate]) |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | Fish LC50 Oncorhynchus mykiss: 0.19 mg/L (96 hr) |
| | Aquatic Invertebrates EC50 Daphnia magna: 0.18 mg/L (48 hr [intoxication & immobility]ata]) |
| | Aquatic Plants EC50 Skeletonema costatum: 0.021 mg/L (96 hr [population, abundance]) |

**Chronic (Long-Term) Toxicity**

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

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Proprietary Ingredient 1 | Fish NOEC Danio rerio: >1000 mg/L (28 d [NOELR-growth rate, QSAR substance data]) |
| | Aquatic Invertebrates NOEC Daphnia magna: >1000 mg/L (21 d [NOELR-reproduction, QSAR substance data]) |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Fish NOEC Oncorhynchus mykiss: 2.61 mg/L (28 d [mortality]) |
| | Aquatic Invertebrates NOEC Daphnia magna: 0.27 mg/L (21 d [appearance of first brood, Immobility, number of unhatched eggs]) |
| | Aquatic Plants NOEC Skeletonema costatum: 0.052 mg/L (72 hr [growth rate]) |

**Persistence and Degradability**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Distillates (petroleum), straight-run middle | Standard biodegradation studies are not applicable to petroleum UVCB substances. |
| Proprietary Ingredient 1 | The substance is readily biodegradable. BOD5/COD ratio ≥ 0.5 & 53% degradation in water, measured by O2 consumption, after 5 days. |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | The substance is readily biodegradable. 70 - 80% degradation in water, measured by CO2 evolution, after 28 days. |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | The substance is inherently biodegradable. 62% degradation in water, measured by CO2 evolution, after 28 days. |

**Bioaccumulative Potential**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Distillates (petroleum), straight-run middle | Standard bioaccumulation studies are not applicable to petroleum UVCB substances. |
| Proprietary Ingredient 1 | The substance is not expected to bioaccumulate (Log Kow = 0.05; QSAR substance data). |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | The substance is not expected to bioaccumulate (BCF=3.9 L/kg basis-whole body w.w., QSAR substance data). |

**Mobility in Soil**

**Product Data:** No data available.

**Substance Data:**

| Name | Result |
|---|---|
| Distillates (petroleum), straight-run middle | Standard adsorption/desorption studies are not applicable to petroleum UVCB substances. |
| Proprietary Ingredient 1 | The substance is highly mobile, therefore, adsorption to soil and sediment is not expected (Koc= 1.53 L/kg, QSAR substance data). |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | The substance is highly mobile; therefore, adsorption to soil is not expected (Koc= 1 L/kg at 25 °C, QSAR substance data). |
| 5-Chloro-2-methyl-4-isothiazolin-3-one | The substance is mobile to moderately mobile, therefore, slight adsorption to soil is expected (Koc= 30-144). |

**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:**

| | |
|---|---|
| Distillates (petroleum), straight-run middle | The substance is not PBT. |
| Proprietary Ingredient 1 | The substance is not PBT. |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | The substance is not PBT. |

**vPvB assessment:**

| | |
|---|---|
| Distillates (petroleum), straight-run middle | The substance is not vPvB. |
| Proprietary Ingredient 1 | The substance is not vPvB. |
| Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | The substance is not vPvB. |

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

## SECTION 13: Disposal Considerations

**Disposal Methods:**

Not an F waste as product or a used dilution.

**Contaminated packages:**

Discard as municipal trash or recycle after rinsing.

## 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):**

| | | |
|---|---|---|
| 64741-44-2 | Distillates (petroleum), straight-run middle | Not Listed |
| N/A | Proprietary Ingredient 1 | Not Listed |
| Proprietary | polyoxyethylene Tallow Amine | Not Listed |
| 52-51-7 | Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Not Listed |
| 26172-55-4 | 5-Chloro-2-methyl-4-isothiazolin-3-one | Listed |

**Export Notification under TSCA Section 12(b):**

| | | |
|---|---|---|
| 64741-44-2 | Distillates (petroleum), straight-run middle | Not Listed |
| N/A | Proprietary Ingredient 1 | Not Listed |
| Proprietary | polyoxyethylene Tallow Amine | Not Listed |
| 52-51-7 | Bronopol (INN) 2-bromo-2-nitropropane-1,3-diol | Not Listed |
| 26172-55-4 | 5-Chloro-2-methyl-4-isothiazolin-3-one | Listed |

**SARA Section 302 Extremely Hazardous Substances:** None of the ingredients are listed.

**SARA Section 313 Toxic Chemicals:**

| | | |
|---|---|---|
| N/A | Proprietary Ingredient 1 | Listed |

**CERCLA:**

| | | | |
|---|---|---|---|
| 64741-44-2 | Distillates (petroleum), straight-run middle | Listed | 100 lbs for D001 |
| N/A | Proprietary Ingredient 1 | Listed | 100 lbs |

**RCRA:**

| | | | |
|---|---|---|---|
| 64741-44-2 | Distillates (petroleum), straight-run middle | Listed | D001 |
| N/A | Proprietary Ingredient 1 | Listed | D001 |

**Section 112(r) of the Clean Air Act (CAA):** None of the ingredients are listed.

**Massachusetts Right to Know:**

| | | |
|---|---|---|
| N/A | Proprietary Ingredient 1 | Listed |

**New Jersey Right to Know:**

| | | |
|---|---|---|
| N/A | Proprietary Ingredient 1 | Listed |

**New York Right to Know:**

| | | |
|---|---|---|
| 64741-44-2 | Distillates (petroleum), straight-run middle | Listed |
| N/A | Proprietary Ingredient 1 | Listed |

**Pennsylvania Right to Know:**

| | | |
|---|---|---|
| N/A | Proprietary Ingredient 1 | 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.

**NFPA:** 0-0-0

**HMIS:** 0-0-0

**Initial Preparation Date:** 03.14.2025

**Revision date:** 03.14.2025

**End of Safety Data Sheet**