

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product identifier****Product Name:** ECO-GUARD CAR WASH**Other means of identification****Common Name:** VTP-1202
UN/ID No Not Regulated
Synonyms None
Product Categories Shampoo, Automotive**Recommended use of the chemical and restrictions on use****Sale and Use Restrictions** Not applicable
Recommended Use Restricted to professional users.
Uses advised against Consumer use**Details of the supplier of the safety data sheet****Supplier Address**Valor
61400 American Lane, Suite 130
Bend, Oregon 97702-9409**Emergency telephone number****Company Phone Number** Valor: (541) 815-9145
Emergency Telephone CHEMTREC 1-800-424-9300**2. HAZARDS IDENTIFICATION****Classification**

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements**Emergency Overview****Appearance** Viscous **Physical state** Liquid **Odor** Marine, Fresh**Precautionary Statements - Response****Hazards not otherwise classified (HNOC)****Other information**

4.86 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS Number | Weight % | Trade Secret |
|------------------|-------------|----------|--------------|
| Surfactant Blend | PROPRIETARY | 1-5 | * |

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

| | |
|---------------------|--|
| Skin contact | Wash with plenty of soap and water. Rinse immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash it before reuse. |
| Inhalation | If affected, remove to fresh air. If not breathing, give artificial respiration. Seek medical attention. |
| Eye contact | Flush eyes with water for 15 minutes. |
| Ingestion | Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get medical treatment. |

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Self-protection of the first aider Low hazard for usual industrial or commercial handling.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use extinguishing measures that are appropriate to the local circumstances and the surrounding environment.

Small Fire Dry chemical or CO₂.

Large Fire Water spray, Foam.

Explosive properties: Not an explosive.

Specific hazards arising from the chemical

Non-combustible. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

Hazardous combustion products Carbon monoxide, Carbon dioxide (CO₂), Amines, Nitrates, Nitrites.

Specific methods:

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special firefighting procedures:

The product is not flammable. Water mist may be used to cool closed containers. Move containers from fire area if you can do it without risk.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: Remove all possible sources of ignition in the surrounding area. Contaminated surfaces will be extremely slippery. Sweep up to prevent slipping hazard. Use personal protective equipment. See Section 8 for information on appropriate personal protective equipment.

For emergency responders Use personal protective equipment as required.

Environmental precautions

Environmental precautions: Prevent further leakage or spillage. Dike to collect large liquid spills. Prevent from entering into soil, ditches, sewers, waterways or groundwater. Local authorities should be advised if significant spillages cannot be contained.

Methods and material for containment and cleaning up

Methods for Containment Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for clean-up: Clean-up methods - small spillage: Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to state, local, federal regulations. Clean-up methods - large spillage: Dike to collect large liquid spills. Pump liquid to salvage tank. Residues: Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling: Keep out of the reach of children. Do not get in eyes, on skin, or on clothing. Do not store at temperatures above 38°C (100°F). Protect from freezing (<0°C, or 32°F). Keep containers tightly closed in a cool, well-ventilated place.

Conditions for safe storage, including any incompatibilities

Technical measures/precautions: Ensure adequate ventilation, especially in confined areas. Eye wash and safety shower should be easily accessible.

Materials to avoid: Strong acids, Oxidizing agents, Reducing agents. Prolonged exposure: Aluminum, Zinc.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical Name | ACGIH TLV | OSHA Exposure Limits: | NIOSH IDLH |
|---------------------------------|-----------|-----------------------|------------|
| Surfactant Blend PROPRIETARY | - | - | - |

Appropriate engineering controls

Engineering measures:

Ensure adequate ventilation, especially in confined areas. Eye wash and safety shower should be easily accessible.

Individual protection measures, such as personal protective equipment

Eye/face protection

Manufacturer: Wear safety glasses with side shields (or goggles), Face protection shield.
Distributor, Workplace: None under normal use conditions.

Skin and body protection

Wear normal work clothing.

Respiratory protection

Not required under normal use. Ensure adequate ventilation.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. When using do not eat, drink or smoke. Avoid contact with eyes, skin and clothing. Use personal protective equipment. Wash face, hands and any exposed skin thoroughly after handling. Take off contaminated clothing and wash it before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

| | | | |
|-----------------------|----------|-----------------------|--------------------------|
| Physical state | Liquid | Odor | Marine, Fresh |
| Appearance | Viscous | Odor threshold | No information available |
| Color | Hazy Red | | |

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--------------------------------------|--------------------------|---------------------------------------|
| pH | 6-8 | |
| Melting point/freezing point | <= 0 °C / 32 °F | (based on components) |
| Boiling point / boiling range | >= 100 °C / 212 °F | (based on components) |
| Flash point | N/A . / N/A . | Not applicable, (based on components) |
| Evaporation rate | Slower than ether | |
| Flammability (solid, gas) | No information available | |
| Flammability Limits in Air | | |
| Upper flammability limit | No Data Available | |
| Lower flammability limit | No Data Available | |
| Vapor pressure | No Data Available | |
| Vapor density | ~0.80 | Water |
| Specific Gravity | 1.01 | |
| Water solubility | Soluble in water | |
| Solubility in other solvents | No Data Available | |
| Partition coefficient | No Data Available | |
| Autoignition temperature | No Data Available | |
| Decomposition temperature | No Data Available | |
| Kinematic viscosity | No information available | |
| Dynamic viscosity | ~2000 cPs | @ 25 °C |
| Explosive properties | No Data Available | |
| Oxidizing properties | No Data Available | |

Other information

| | |
|-------------------------|-------------------|
| Softening point | No Data Available |
| Molecular weight | No Data Available |
| VOC Content (%) | |
| VOC Content (%) | Negligible |
| Density | 1.01 g/cc |
| Bulk density | No Data Available |

10. STABILITY AND REACTIVITY

Reactivity

Reactivity Stable under normal conditions.

Chemical stability

Possibility of Hazardous Reactions May react with oxidizing agents.
Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Keep out of reach of children. Protect from freezing (<0°C, or 32°F).

Incompatible materials

Materials to avoid: Strong acids, Oxidizing agents, Reducing agents. Prolonged exposure: Aluminum, Zinc.

Hazardous Decomposition Products

Hazardous Decomposition Products Carbon monoxide, Carbon dioxide (CO₂), Amines, Nitrates, Nitrites.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

| | |
|----------------------------|---|
| Product Information | Product does not present an acute toxicity hazard based on known or supplied information. |
| Inhalation | Not an expected route of exposure. Avoid breathing vapors or mists. |
| Eye contact | No known effect based on information supplied. |
| Skin Contact | No known effect based on information supplied. |
| Ingestion | No known effect based on information supplied. |

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---------------------------------|-----------|-------------|-----------------|
| Surfactant Blend PROPRIETARY | - | - | - |

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---------------------------------|--|
| Sensitization | Skin Sensitization: Not expected. Respiratory Sensitization: Not classified. |
| Mutagenic effects: | No data available to indicate product or any components present at or greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC, NTP, or OSHA. |
| Reproductive toxicity | No information available. |
| STOT - single exposure | Not classified. |
| STOT - repeated exposure | Not classified. |
| Chronic toxicity | No information available. |
| Subchronic toxicity | No information available. |
| Target Organ Effects | No information available. |
| Neurological effects | No information available. |
| Aspiration hazard | No information available. |

Numerical measures of toxicity - Product Information

| | |
|-------------------------------|---|
| Unknown Acute Toxicity | 4.86 % of the mixture consists of ingredient(s) of unknown toxicity |
|-------------------------------|---|

12. ECOLOGICAL INFORMATION

Ecotoxicity

5.62 % of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability

Readily biodegradable: Expected.

Bioaccumulation

Bioaccumulative potential.

Mobility

Soluble in water.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

| | |
|---------------------------|---|
| Disposal of wastes | Dispose of in accordance with federal, state and local regulations. |
|---------------------------|---|

Contaminated packaging Do not reuse container. Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

Federal Regulations

SARA 313

No SARA 313 chemicals are present above the reporting threshold.

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|----|
| Acute health hazard | No |
| Chronic Health Hazard | No |
| Fire hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations (RTK)

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA Rating

Health hazards 0

Flammability 0

Instability 0

Physical and Chemical Properties -

HMIS Rating

Health hazards 0

Flammability 0

Physical hazards 0

Personal protection B

Prepared by

Environmental Health and Safety Department

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01-24-2020

Revision Date

12-31-2019

Revision Note

This data sheet contains changes from the previous version in section(s): 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release 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 or in any process, unless specified in the text.

End of Safety Data Sheet