

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product identifier****Product Name:** ECO-GUARD FLOOR CLEANER**Other means of identification****Common Name:** VTP-1201
UN/ID No Not Regulated
Synonyms None
Product Categories Aqueous solution, Cleaner, Floor**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** Aqueous solution **Physical state** Liquid **Odor** Odorless**Precautionary Statements - Response****Hazards not otherwise classified (HNOC)****Other information**

0.0 % 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	10-15	*

*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. Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing and wash it before reuse.
Inhalation	If inhaled: 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. If affected person is fully conscious, give 2 glasses of water to drink. 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 No information available.

Large Fire No data.

Explosive properties: Not an explosive.

Specific hazards arising from the chemical

None in particular.

Hazardous combustion products Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x).

Specific methods:

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Special firefighting procedures:

Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Contaminated surfaces will be extremely slippery. Do not touch or walk through spilled material. Use personal protective equipment. See Section 8 for information on appropriate personal protective equipment.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions: Prevent further leakage or spillage if safe to do so. 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 Stop leak if you can do it without risk. Clean-up methods - small spillage: Wipe up with absorbent material (eg. cloth, fleece). Large spills: 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.

Methods for clean-up: Clean-up methods - small spillage: Wipe up with absorbent material (eg. cloth, fleece). Clean-up methods - large spillage: Dike to collect large liquid spills. Pump liquid to salvage tank. Residues: 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.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling: Keep out of the reach of children. Do not store in open or unlabeled containers. Protect from physical damage. Keep containers tightly closed in a cool, well-ventilated place. Do not store at temperatures above 212°F (50°C).

Conditions for safe storage, including any incompatibilities

Technical measures/precautions: Ensure adequate ventilation. Eye wash should be easily accessible.

Materials to avoid: Strong acids, Oxidizing agents.

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: Mechanical ventilation required if used indoors on a continuous basis. 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.

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	Odorless
Appearance	Aqueous solution	Odor threshold	No information available
Color	Cloudy, Purple		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.0-9.0	
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
Evaporation rate	Slower than ether	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	No Data Available	Water
Specific Gravity	1.00	
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	No Data Available	
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 (%)	None
Density	1.00 g/cc
Bulk density	No Data Available

10. STABILITY AND REACTIVITY

Reactivity

Reactivity Stable under normal conditions.

Chemical stability

Possibility of Hazardous Reactions None under normal processing.
Hazardous polymerization Hazardous polymerization does not occur.

Conditions to avoid

Extremes of temperature. Avoid excessive heat or cold.

Incompatible materials

Materials to avoid: Strong acids, Oxidizing agents.

Hazardous Decomposition Products

Hazardous Decomposition Products Carbon monoxide, Carbon dioxide (CO₂), Nitrogen oxides (NO_x).

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	No information available.
Mutagenic effects:	No information available.
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	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	No information available.
Target Organ Effects	No information available.
Neurological effects	No information available.
Other adverse effects	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0.0 % of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

12 % of the mixture consists of component(s) of unknown hazards to the aquatic environment.

Persistence and degradability
Readily biodegradable: Expected.

Bioaccumulation
No information available.

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

<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	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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12-31-2019

Revision Note

This data sheet contains changes from the previous version in section(s): 1, 3, 4, 6, 7, 8, 9, 11, 12, 15, 16

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