

1. IDENTIFICATION

Product Identifier

Product Name EVERGREEN

Recommended use of the chemical and restrictions on use

Recommended use Vehicle wash - powdered
Restrictions on use For industrial use only

Supplier details

West Penetone Inc.
 11411-160 Street
 Edmonton, AB,
 T5M3T7
 Tel: 780-454-3919

Emergency Telephone Number

Canutec (613)-996-6666

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity, inhalation – dust/mist	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Hazardous to the aquatic environment, acute hazard	Category 3

Label Elements

DANGER

Hazard Statements

Harmful if inhaled
 Causes skin irritation
 Causes serious eye damage
 Harmful to aquatic life



Precautionary Statements - Prevention

Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wash face, hands and any exposed skin thoroughly after handling.
 Use only outdoors or in a well-ventilated area.
 Avoid release to the environment.
 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
 IF ON SKIN (or hair): Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
sodium tripolyphosphate	7758-29-4	15-40
sodium carbonate	497-19-8	10-30
sodium hexametaphosphate	68915-31-1	10-30
alcohols, C9-C11, ethoxylated	68439-46-3	3-7
sodium dodecylbenzene sulfonate	25155-30-0	3-7
propan-2-ol	67-63-0	0.5-1.5
C6-12 alkyl alcohol ethoxylated phosphoric acid	68921-24-4	0.5-1.5

4. FIRST AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Skin contact	Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use. Call a POISON CENTER or doctor/physician if you feel unwell.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Most important symptoms and effects, both acute and delayed

Contact with eyes may cause serious corneal damage or injury leading to irritation, discomfort or pain, excess blinking and tear production with marked excess redness and swelling of the conjunctiva. Contact with skin may cause irritation with local redness.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

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

Unsuitable Extinguishing Media

None.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed including oxides of carbon, phosphorous, sodium and sulfur and other irritating gases.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Sweep up to prevent slipping hazard.

Environmental Precautions

Avoid flushing product into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Sweep up with broom and keep in suitable, closed containers for disposal. Following product recovery, flush contaminated area with water.

7. HANDLING AND STORAGE**Precautions for Safe Handling**

Handling Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage Store away from incompatible materials.

Incompatible Materials Acids, strong oxidizing agents.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Control parameters**

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
propan-2-ol 67-63-0	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm/980 mg/m ³ STEL: 500 ppm/1225 mg/m ³	Not listed

Appropriate engineering controls

Engineering Controls Under the intended modes of handling and use, exposure control measures are not required.

Individual protection measures, such as personal protective equipment

Eye/face Protection Safety glasses with side shields or goggles.

Skin and body protection Wear protective gloves and protective clothing.

Respiratory Protection No personal respiratory equipment normally required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Routinely wash work clothing to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES**APPEARANCE :**

Green powder

ODOR

Detergent

ODOR THRESHOLD :

Not applicable

pH :

10.5 (1% w/v solution)

MELTING POINT / FREEZING POINT :

Not applicable

BOILING POINT/BOILING RANGE :

Not available

FLASH POINT :

None

EVAPORATION RATE, water = 1 :

Not applicable

FLAMMABILITY (SOLID, GAS):

Not applicable

VAPOR PRESSURE, mm Hg AT 20°C :

Not applicable

VAPOR DENSITY (Air = 1) :

Not applicable

RELATIVE DENSITY AT 20°C:

Not applicable

SOLUBILITY IN WATER :

Complete

PARTITION COEFFICIENT, N-OCTANOL/WATER :

Not available

AUTO-IGNITION TEMPERATURE :

None

DECOMPOSITION TEMPERATURE:

Not available

VISCOSITY:

Not available

FLAMMABLE LIMITS :

UPPER: Not applicable LOWER : Not applicable

10. STABILITY AND REACTIVITY**Reactivity**

Not reactive.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to Avoid

Store away from incompatible materials.

Incompatible Materials

Acids, strong oxidizing agents.

Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decompositions can lead to release of irritating gases and vapors such as oxides of carbon, phosphorous, sodium and sulfur.

11. TOXICOLOGICAL INFORMATION**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
sodium tripolyphosphate 7758-29-4	3100 mg/kg (rat)	>7940 mg/kg (rabbit)	Not listed
sodium carbonate 497-19-8	4090 mg/kg (rat)	>2000 mg/kg (rabbit)	2300 mg/m ³ (rat) – 2 h
sodium hexametaphosphate 68915-31-1	3053 mg/kg (rat)	Not listed	Not listed
alcohols, C9-C11, ethoxylated 68439-46-3	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not listed
sodium dodecylbenzene sulfonate 25155-30-0	500-2000 mg/kg (rat)	Not listed	Not listed
propan-2-ol 67-63-0	5000 mg/kg (rat)	12800 mg/kg (rabbit)	45248 ppm (rat) – 1 h
C6-12 alkyl alcohol ethoxylated phosphoric acid 68921-24-4	Not listed	>2500 mg/kg	Not listed

Information on likely sources of exposure**Serious eye damage/irritation**

Causes serious eye damage.

Skin corrosion/irritation

Causes skin irritation.

Ingestion

Expected to be a low ingestion hazard under the intended modes of use.

Inhalation

Expected to be a low inhalation hazard under the intended modes of use.

Delayed and immediate effects and also chronic effects from short and long-term exposure**Respiratory or skin sensitization**

Not a sensitizer

Germ cell mutagenicity

None known.

Carcinogenicity

No listed carcinogens.

Reproductive toxicity

No information available.

STOT - single exposurepropan-2-ol (CAS 67-63-0)
sodium tripolyphosphate (CAS 7758-29-4)

3 May cause drowsiness or dizziness

3 May cause respiratory irritation

STOT-repeated exposure

No information available.

Aspiration Hazard

None.

Symptoms related to the physical, chemical and toxicological characteristics

Eye damage. Skin irritation.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

If available, ecotoxicity values of individual components are shown below.

Chemical Name	Fish	Waterflea	Algae
sodium tripolyphosphate 7758-29-4	1650 mg/L: 48 h leuciscus idus LC50	Not available	Not available
sodium carbonate 497-19-8	300 mg/L: 96 h bluegill sunfish	227-1200 mg/L: 48 h ceriodaphnia EC50	Not available
alcohols, C9-C11, ethoxylated 68439-46-3	5-10 mg/L: 96 h LC50	5-10 mg/L: 48 h EC50	10-100 mg/L: 72 h EC50
sodium dodecylbenzene sulfonate 25155-30-0	3.2-5.6 mg/L: 96 h rainbow trout LC50	6.3 mg/L: 48 h daphnia magna EC50	Not available
propan-2-ol 67-63-0	4200 mg/L: 96 h Rasbora heteromorpha LC50	1400-1950 mg/L: 48 h Crangon crangon EC50	Not available
C6-12 alkyl alcohol ethoxylated phosphoric acid 68921-24-4	189 ppm: 96 h LC50	111 ppm: 96 h LC50	94 ppm: 78 h EC50

Persistence and degradability

Expected to be readily biodegradable.

Bioaccumulative potential

Accumulation in organisms is not to be expected.

Mobility in soil

Inorganic substances will dissociate into ions.

Other adverse effects

Do not release untreated into natural waters. No other adverse environmental effects are expected.

13. DISPOSAL CONSIDERATIONS**Waste Disposal Method**

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION**TDG classification**

Not regulated

15. REGULATORY INFORMATION

All ingredients are listed on the DSL

16. OTHER INFORMATION**Preparation Date**

16 June, 2016

Revision Date

not applicable

Revision Note

not applicable

Disclaimer

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End of SDS