

Vanquish Pre Post Base

Material Safety Data Sheet

Preparation Date: 01-May-2018

Revision Date: 06-Oct-2025

Revision Number: 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name Vanquish Pre Post Base
Item#: 6252
Recommended use Teat dip, Restricted to professional users
Supplier DeLaval Inc.
10900 Rue Secant Street
Ville d'Anjou, Quebec H1J 1S5
Tel: (705) 741-3100
Emergency Telephone Number West Penetone Inc: (514) 355-4660 8h-17h Monday to Friday
Poison Control Center (Emergency, 24 H): 1-844-POISON-X or 1-844-764-7669

2. HAZARDS IDENTIFICATION

Emergency Overview

Severe eye irritation

Irritating to skin

Potential Health Effects

Principal Routes of Exposure Eye contact
Skin contact
Ingestion

Major effects of exposure

Eyes

Causes severe eye irritation.

Skin

Irritating to skin.

Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sodium chlorite	7758-19-2	0.56

4. FIRST AID MEASURES

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, get medical advice/attention.

Skin contact Wash off immediately with plenty of water. If skin irritation persists, call a

physician.

Ingestion Do not induce vomiting. Drink 1 or 2 glasses of water. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

Inhalation Move to fresh air. Get medical attention immediately if symptoms occur.

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire Hazard The product is not flammable.

Suitable Extinguishing Media Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Hazardous Combustion Products No information available

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.

NFPA **Health hazards** 1 **Flammability** 0 **Instability** 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid contact with the skin and the eyes.

Environmental Precautions Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Do not allow evaporation to dryness.

Incompatible Materials Acids, organic materials, reducing agents, oxidizing agents

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls Slight odor may be produced after mixing, ensure proper ventilation.

Personal Protective Equipment

Eye/face Protection Safety glasses with side-shields
Skin Protection Wear protective gloves/clothing
Respiratory Protection In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Clear
Physical state Liquid
Specific Gravity 1.01
pH No information available
Water Solubility soluble

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.

Incompatible Materials Acids, organic materials, reducing agents, oxidizing agents

Possibility of hazardous reactions May develop chlorine if mixed with acidic solutions. Take any precaution to avoid mixing with combustibles. Mix only as directed according to label instructions.

11. TOXICOLOGICAL INFORMATION

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium chlorite	284 mg/kg (Rat)	134 mg/kg (Rabbit)	

Chronic Toxicity

Carcinogenicity Contains no ingredient listed as a carcinogen

Chemical name	ACGIH	IARC	NTP	OSHA
Sodium chlorite		Group 3		

IARC (International Agency for Research on Cancer)
Group 3 - Not classifiable

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sodium chlorite		100 - 500: 96 h Brachydanio rerio mg/L LC50 static 100: 96 h Lepomis macrochirus mg/L LC50 static 100: 96 h Oncorhynchus mykiss mg/L LC50 static		0.012 - 0.018: 48 h Daphnia magna mg/L EC50 Static 0.25 - 0.33: 48 h Daphnia magna mg/L EC50 Flow through 0.026: 48 h Daphnia magna mg/L EC50

Sodium chlorite

Partition coefficient -2.7

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Triple rinse containers. Empty containers should be taken for local recycling, recovery or waste disposal.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

Chemical name	DSL	NDSL	TSCA	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Sodium chlorite	X		X	231-836-6		X	X	KE-31388 X	X	X

WHMIS Hazard Class

D2B Toxic materials

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Preparation Date: 01-May-2018

Revision Date: 06-Oct-2025

Revision Note:

Section 1: update Emergency Telephone Number

Disclaimer

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