

Vanquish Pre Post Activator

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 Activator
Item#: 6251
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
May cause eye/skin irritation

Potential Health Effects

Principal Routes of Exposure Eye contact
Ingestion

Major effects of exposure

Eyes May cause slight irritation.
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
D-Glucitol	50-70-4	16
Phosphoric acid	7664-38-2	0.1 - 1
Lactic acid	79-33-4	1 - 5

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 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.
Incompatible Materials	strong oxidizing agents, strong acids, strong bases

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	ACGIH TLV	OSHA PEL	Alberta	British Columbia	Ontario TWAEV	Quebec
Phosphoric acid	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³	TWA: 1 mg/m ³ STEL: 3 mg/m ³

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

Personal Protective Equipment

Eye/face Protection If splashes are likely to occur, wear: Safety glasses with side-shields
Skin Protection No special technical protective measures are necessary.
Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Yellow
Physical state Liquid
Specific Gravity 1.02
pH No information available
Water Solubility soluble

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.

Incompatible Materials strong oxidizing agents, strong acids, strong bases

11. TOXICOLOGICAL INFORMATION

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
D-Glucitol	= 15900 mg/kg (Rat)		
Phosphoric acid	> 300 mg/kg (Rat)	2740 mg/kg (Rabbit)	850 mg/m ³ (Rat) 1 h
Lactic acid	3543 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	7.94 mg/L air (Rat)

Chronic Toxicity

Carcinogenicity Contains no ingredient listed as a carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Lactic acid		100 - 180: 96 h Lepomis macrochirus mg/L LC50 static 100 - 180: 96 h Oncorhynchus mykiss mg/L LC50 static 320: 96 h Brachydanio rerio mg/L LC50 semi-static	LC50: >88.2 mg/L 3h	180 - 320: 48 h Daphnia magna mg/L EC50 Static 240: 48 h Daphnia magna mg/L EC50

Lactic acid

Partition coefficient -0.54

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

DOT Not regulated

15. REGULATORY INFORMATION

Chemical name	DSL	NDSL	TSCA	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
D-Glucitol	X		X	200-061-5		X	X	KE-31708 X	X	X
Phosphoric acid	X		X	231-633-2		X	X	KE-27427 X	X	X
Lactic acid	X		X	201-196-2		X	X	KE-21803 X	X	X

WHMIS Hazard Class

Non-controlled

Chemical name	NPRI
Phosphoric acid	X

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

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Revision Note:

Section 1: update Emergency Telephone Number

Disclaimer

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