

CD X-10 Pre-Post Activator

SAFETY DATA SHEET

Preparation Date: 11-Jun-2021

Revision Date: 11-Jun-2021

Revision Number: 1

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

Product Identifier

Product Name CD X-10 Pre-Post Activator

Other means of identification

Item#: 0032

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Teat dip concentrate, Restricted to professional users

Uses advised against All other

Details of the supplier of the safety data sheet

Supplier DeLaval Manufacturing
11100 N. Congress Ave.
Kansas City, MO 64153 : 816-891-7700, 8am – 5pm M-F

Emergency Telephone Number

Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation

Category 2B

Label Elements

Emergency Overview

WARNING

Hazard Statements

Causes eye irritation



Appearance Clear,

Physical state Liquid

Odor Odorless

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If

eye irritation persists: Get medical advice/attention.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Lactic acid	50-21-5	10 - 20

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES**Description of 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.
Inhalation	Move to fresh air. Get medical attention immediately if symptoms occur.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

May cause eye irritation.

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

No information available.

Specific hazards arising from the chemical

No information available.

Hazardous Combustion Products

Decomposition products may include the following materials: Carbon oxides, Nitrogen oxides (NO_x), Sulfur oxides, Oxides of phosphorus

Sensitivity to static discharge None.

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, protective equipment and emergency procedures**

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only.

Environmental Precautions

Do not allow contact with soil, surface or ground water.

Methods and material for containment and cleaning up

Stop leak if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away small spillages with plenty of water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Handling Wash hands thoroughly after handling. Do not mix with bleach or other chlorinated products – will cause chlorine gas.

Conditions for safe storage, including any incompatibilities

Storage Keep out of the reach of children. Store in suitable labeled containers. Storage temperature: -30°C to 45°C.

Incompatible Materials bases

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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

Appropriate engineering controls

Engineering Controls Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Individual protection measures, such as personal protective equipment

Eye/face Protection Not necessary under normal use.

Skin and body protection No special technical protective measures are necessary.

Respiratory Protection In case of inadequate ventilation wear respiratory protection.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Odorless
Appearance	Clear,	Odor Threshold	No information available
<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>	
pH	1.94		
Melting point/freezing point	No information available		
Boiling Point/Range	> 100 °C		
Flash Point	No information available		

Evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit	No information available
Lower flammability limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	1.147
Water Solubility	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition Temperature	No information available
Decomposition temperature	No information available
Viscosity of Product	No information available
Dynamic viscosity	No information available

Other information

Liquid Density	No information available
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10. STABILITY AND REACTIVITY

Reactivity

May react with other chemicals. Do not mix with other chemicals except as directed on label.

Chemical Stability

Stable under normal conditions.

Possibility of hazardous reactions

Do not mix with bleach or other chlorinated products – will cause chlorine gas.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

bases

Hazardous decomposition products

Carbon oxides. nitrogen oxides (NOx). Sulfur oxides. oxides of phosphorus.

11. TOXICOLOGICAL INFORMATION

<u>Principal Routes of Exposure</u>	Inhalation, Eye contact, Skin contact
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Information on likely routes of exposure

Eyes	Causes eye irritation.
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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion/Irritation	redness, Eye irritation.
Sensitization	Product is not identified as a sensitizer according to OSHA regulations.
Mutagenic effects	Product is not identified as a mutagen according to OSHA regulations.
Carcinogenicity	Product is not identified as a carcinogen according to OSHA regulations.

Reproductive Effects	Product is not identified as having reproductive effects according to OSHA regulations.
STOT - single exposure	Product is not identified as having single target organ toxicity (single exposure) according to OSHA regulations.
STOT - repeated exposure	Product is not identified as having single target organ toxicity (repeated exposure)

Aspiration Hazard according to OSHA regulations.
Product is not identified as an aspiration hazard according to OSHA regulations.

Numerical measures of toxicity

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

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Lactic acid 50-21-5	= 3543 mg/kg (Rat)	> 2 g/kg (Rabbit)	> 7.94 mg/L (Rat) 4 h

0% of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION**Ecotoxicity**

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

Persistence and degradability

No information available.

Bioaccumulation/Accumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

State Regulations

U.S. EPA Label information

EPA Pesticide registration number Not applicable

16. OTHER INFORMATION

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Revision Note: None

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 SDS