

Della-Wash

Material Safety Data Sheet

Preparation Date: 11-Dec-2007

Revision Date: 07-Jun-2018

Revision Number: 4

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

Product Name Della-Wash
Item#: CAN6102
Recommended use Udder wash and sanitizer

Supplier DeLaval Inc.
10900 Rue Secant Street
Ville d'Anjou, Quebec H1J 1S5
Tel: (705) 741-3100

Emergency Telephone Number (613) 996-6666 (Canutec)

2. HAZARDS IDENTIFICATION

Emergency Overview

Corrosive

The product causes burns of eyes, skin and mucous membranes

Potential Health Effects

Principal Routes of Exposure Eye contact
Skin contact
Ingestion

Major effects of exposure

Eyes Corrosive to the eyes and may cause severe damage including blindness.
Skin Extremely corrosive and destructive to tissue.
Ingestion Ingestion causes burns of the upper digestive and respiratory tracts.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight %
Iodine	7553-56-2	1.88
Phosphoric acid	7664-38-2	11.50

4. FIRST AID MEASURES

Eye contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Call a physician immediately.

Skin contact Wash off immediately with large volumes of water for at least 15 minutes while removing contaminated clothing. Call a physician immediately.

Ingestion Do not induce vomiting. Rinse mouth promptly. Drink 1 or 2 glasses of water. Call

a physician immediately. Do not give anything by mouth to an unconscious or convulsing person.

Inhalation

If breathing difficulty or irritation occurs, remove to fresh air and get medical attention.

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

Thermal decomposition can lead to release of irritating gases and vapours

Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes.

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 3

Flammability 0

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid contact with skin, eyes and clothing. Use personal protective equipment.

Environmental Precautions

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Soak up with inert absorbent material. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

bases organic materials light metals (e.g. aluminum, copper, brass, zinc galvanized) bleach

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical name	ACGIH TLV	OSHA PEL	Alberta	British Columbia	Ontario TWAEV	Quebec
Iodine	TWA: 0.01 ppm STEL: 0.1 ppm	Ceiling: 0.1 ppm Ceiling: 1 mg/m ³	Ceiling: 0.1 ppm Ceiling: 1 mg/m ³	Ceiling: 0.1 ppm	TWA: 0.01 ppm STEL: 0.1 ppm	Ceiling: 0.1 ppm Ceiling: 1.0 mg/m ³
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 Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/face Protection

Goggles

Skin Protection

Rubber gloves, Long sleeved clothing, Chemical resistant apron

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Dark brown
Physical state	Liquid
Specific Gravity	1.10
pH	< 2
Freezing Point/Range	-7 °C
Water Solubility	soluble

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.

Incompatible Materials bases, organic materials, light metals (e.g. aluminum, copper, brass, zinc galvanized), bleach

Possibility of hazardous reactions Gives off hydrogen by reaction with some metals (e.g. aluminum).

11. TOXICOLOGICAL INFORMATION

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Iodine	14000 mg/Kg		137 ppm 4.588 mg/L
Phosphoric acid	= 1530 mg/kg (Rat)	2730 mg/kg (Rabbit)	850 mg/m ³ (Rat) 1 h

Chronic Toxicity

Carcinogenicity Contains no ingredient listed as a carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Iodine		LC50 (96 h) 0.53 mg/L		LC50 (48 h) 0.16 mg/L
Phosphoric acid		3 - 3.5: 96 h Gambusia affinis mg/L LC50		4.6: 12 h Daphnia magna mg/L EC50

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations. Should not be released into the environment.

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

14. TRANSPORT INFORMATION

UN-No 3264
Proper Shipping Name Corrosive liquid, acidic, inorganic, n.o.s (Phosphoric acid)
Hazard Class 8
Packing Group II

15. REGULATORY INFORMATION

Chemical name	DSL	NDSL	TSCA	EINECS	ELINCS	ENCS	CHINA	KECL	PICCS	AICS
Iodine	X		X	231-442-4			X	KE-21023 X	X	X
Phosphoric acid	X		X	231-633-2		X	X	KE-27427 X	X	X

WHMIS Hazard Class

E Corrosive material

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: 11-Dec-2007

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Revision Note:

No information available

Disclaimer

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