Material Safety Data Sheet

Date: March 14, 2019

Name of Product: D-HORN PASTE

Product Information: Topical Paste

Product Code: 10O-DHORN

D.I.N.: 00654094 (Drug Identification Number)

Manufacturer/Supplier:
Dominion Veterinary Laboratories Ltd.
1199 Sanford Street
Winnipeg, Manitoba R3E 3A1
Telephone: (204) 586-3484
Fax: (204) 943-9612

Product Identification

Product Use: To prevent horn growth and as an aid in removing horn buttons on calves.

Chemical Identity/Name: N/A

Synonyms: N/A

CAS No.: N/A

Molecular Formula: N/A

Regulatory Section

WHMIS Classification: N/A

TDG Classification:

Name: Consumer Commodity
Class: 9
P.I.N. #: 8000
Packing Group:
Regulated Limit:

Hazardous Ingredients of Material

Chemical Identity	CAS#/NA#/UN#	Conc. (w/w)	LD50
Sodium Hydroxide	1310-73-2	46	140 - 340 mg/kg (rats)
Calcium Hydroxide	N/A	18	7.34 g/kg (rats)

Physical / Properties Data

Physical State: Cream / Ointment

Appearance and Odour: Smooth, light blue cream, odourless.

Odour Threshold: N/A	**Boiling Pt. (Deg.C):** N/A
Specific Gravity: N/A	**Melting/Freezing Pt. (Deg.C):** -5°C
Vapour Pressure: N/A	**pH:** 14
Vapour Density: N/A	**Bulk/Density (g/ml):** N/A
Evaporation Rate: N/A	**Solubility:** 50%
% Volatile by Volume: N/A	**Coefficient of Water/Oil Distr.:** N/A

Reactivity Data

Stability:

Under Normal Conditions: Stable

Under Fire Conditions: N/A

Hazardous Polymerization: Will not occur.

Conditions and Materials to Avoid:

Conditions: Keep away from organic halogen compounds especially trichloroethylene.

Materials: Acids, combustible materials, metals, aluminum, tin, zinc, brass, and bronze.
Also avoid acid anhydrides and nitrocarbons.
This product may react with various sugars to form hazardous carbon monoxides.

Hazardous Decomposition Products: None

Fire or Explosion Data

Flashpoint and Method of Determination: TCC N/A (Deg. C)

Autoignition Temperature: N/A

Flammability Limits in Air (%):

Lower - N/A

Upper - N/A

Fire or Explosion Data

Fire Extinguishing Methods: Not combustible but could generate enough heat to ignite combustible material.

Large fires:

Small fires:

Fire Fighting Procedures: N/A

Fire and Explosion Hazards: Hot molten material will react violently with water resulting in splattering and fuming. This product will react with metals such as aluminum, tin and zinc, to produce flammable gas.

Sensitivity to Mechanical Impact: N/A

Rate of Burning: N/A

Explosive Power: N/A

Sensitivity to Static Discharge: N/A

Toxicological and Health Data

Exposure Limits: N/A

Toxicological Data:

LD50 - N/A
LD50 - N/A
LC50 - N/A

Carcinogenicity Data: N/A

Reproductive Effects/Toxicity: N/A

Teratogenicity Data: N/A

Mutagenicity Data: N/A

Respiratory / Skin Sensitization: N/A

Synergistic Materials: N/A

Effects of Exposure

Route of Entry:

Skin Contact: Short single exposure may cause severe skin burns.

Eye Absorption: May cause severe irritation with corneal injury and result in permanent impairment of vision, even blindness.

Effects of Exposure

Inhalation: Dust or mist may cause severe irritation to upper respiratory tract.

Ingestion: Extremely corrosive to the mouth and throat.
Causes severe and rapid burning of the mouth, throat and digestive tract together with the pain, nausea, and vomiting. Some effects may be delayed.

Effects of Chronic Exposure: N/A

Sensitization: N/A

First Aid Measures

Skin Contact: Immediately flush skin with lots of running water for 30 minutes. Remove contaminated clothing and shoes, wash before using again. Get immediate medical attention.

Eye Contact: Immediately flush eyes with lots of running water for 30 minutes, lifting the upper and lower eyelids occasionally. Get immediate medical attention.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Get immediate medical attention.

Ingestion: Do not induce vomiting. If conscious, give lots of water or milk. Get medical attention. Do not give anything by mouth to an unconscious or convulsing person.

Emergency Medical Care: N/A

Preventive Measures

Recommendations listed in this section indicate the type of equipment which will provide protection against overexposure to this product conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective devices at your work place.

Engineering Controls: N/A

Respiratory Controls: Not required under normal conditions.

Skin Protection: Rubber gloves, protective clothing.

Eye Protection: Eye goggles.

Other Protective Equipment: Emergency eyewash station should be available.

Handling Procedures and Equipment: Keep tightly closed and stored in a safe area out of reach from children.

Storage Temperature: N/A

Other Precautions: N/A

Environmental Protection Data

Steps to be taken in the event of a spill or leak: Wear alkali-resistant slicker suit and complete protective equipment including rubber gloves, boots, and eye protection. Shovel or scoop (stainless steel) into an approved waste container. Keep out of sewer storm drains, surface water and soil. Comply with all applicable governmental regulations on spills reporting, and handling of disposal of waste.

Environmental Effects: N/A

Deactivating Chemicals: N/A

Waste Disposal Methods: Consult appropriate federal, provincial, and local regulatory agencies to ascertain proper disposal procedure.

Prepared by: D. Earn

Date: March 14, 2019

Checked by: D.Earn_____

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