

Preparation Date: 17-Jul-2017  
Revision Number: 2.1  
Revision Date: 13-Sep-2024  
Date of Next Revision: 12-Sep-2029

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

**Product Name** EasyStride  
**Item#:** NZ0009  
**Recommended use** Hoof Treatment  
**Uses advised against** Restricted to professional users

**Supplier** DeLaval Ltd,  
82 Greenwood street,  
Hamilton  
New Zealand

**Telephone Number** (07) 849-6020  
(8am - 4:30pm Mon-Fri)

**Emergency Telephone Number** 0800 764 766 (National Poison Centre)  
0800 243 622 CHEMCALL

## 2. HAZARD IDENTIFICATION

### 2.1. Classification of the substance or mixture according to GHS

Skin corrosion/irritation - Category 1B  
Serious eye damage/eye irritation - Category 1

### 2.2. Label Elements

#### Hazard Pictogram(s)



#### Signal word

DANGER

#### Hazard Statements

H314 - Causes severe skin burns and eye damage  
H318 - Causes serious eye damage

#### Precautionary statements

P102 - Keep out of reach of children  
P260 - Do not breathe dust/fume/gas/mist/vapors/spray  
P264 - Wash hands and face thoroughly after handling  
P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

P305 + P354 + P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 P310 - Immediately call a POISON CENTER/doctor.  
 P363 - Wash contaminated clothing before reuse  
 P405 - Store locked up  
 P501 - Dispose of contents/container in accordance with local regulations

**Contains** L-(+)-lactic acid, Formic acid, Sodium lauryl ether sulfate, Sodium dioctyl sulfosuccinate

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	10 - 30%
Lactic acid	79-33-4	10 - 30%
Formic acid	64-18-6	10 - 30%
Sodium Lauryl ether sulfate	68585-34-2	1 - 10%
Sodium dioctyl sulfosuccinate	577-11-7	1 - 10%
Alcohols, C9-11, ethoxylated	68439-46-3	1 - 10%

### 4. FIRST AID MEASURES

<b>Workplace Facilities</b>	Eyewash bottle with clean water
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Immediate medical attention is required
<b>Skin contact</b>	Remove contaminated clothing and shoes Wash off immediately with plenty of water Do not use solvents or thinners Immediate medical attention is required
<b>Inhalation</b>	Move to fresh air No mouth-to-mouth respiration. Give oxygen or artificial respiration if needed Call a physician immediately If unconscious place recovery position
<b>Ingestion</b>	Rinse mouth. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting. Immediate medical attention is required.

### 5. FIRE-FIGHTING MEASURES

<b>Hazchem Code</b>	2X
<b>Flammable Properties</b>	No information available.
<b>Suitable Extinguishing Media</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
<b>Unsuitable Extinguishing Media</b>	No information available.

**Specific hazards arising from the chemical** Keep product and empty container away from heat and sources of ignition.

**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.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions** Ensure adequate ventilation.

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

**Methods for cleaning up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

**7. HANDLING AND STORAGE**

**Handling** Ensure adequate ventilation. If splashes are likely to occur, wear: Safety glasses with side-shields. Store in a tightly closed container.

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep in properly labelled containers. Store in original container. Store at room temperature. Keep away from food, drink, and animal feedstuffs. Prevent release to the environment. Collect spillage. Keep out of the reach of children.

**Type of Container/Package** Store in original container

Handle and store according to AS/NZS Standards and the Responsible Care Management Systems: Managers Handbook.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical name	WES (New Zealand)
Formic acid	TWA: 5 ppm TWA: 9.4 mg/m <sup>3</sup> STEL: 10 ppm STEL: 19 mg/m <sup>3</sup>

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Eye/face Protection** Safety glasses with side-shields.

**Skin Protection** If splashes are likely to occur, wear: , Wear protective gloves/clothing, (EN 14605), EN 13832

**Hand Protection** Protective gloves butyl-rubber Break through time > 8H 0.7 mm (EN 374)

**Respiratory Protection** Wear respiratory protection. (EN 14387). Type E, B, ABEK.  
Formic acid. < 120 '/Day : factor min. 30 (EN 529:2005, APF - DE); > 120'/Day: factor min. 100 (EN 529:2005, APF - DE).

**General Hygiene Considerations**

Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Dark blue
<b>Physical state</b>	Liquid
<b>Odor</b>	Pungent
<b>pH</b>	1.5 - 2.0
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Flash Point</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Upper flammability limit:</b>	No data available
<b>Lower flammability limit:</b>	No data available
<b>Boiling Point/Range</b>	No data available
<b>Freezing Point/Range</b>	No data available
<b>Solubility</b>	No information available
<b>Solubility in other solvents</b>	No data available
<b>Specific Gravity</b>	1.11 (25°C)
<b>Viscosity</b>	30 cP (25°C)
<b>Kinematic viscosity</b>	

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, flames and sparks.
<b>Incompatible Materials</b>	No materials to be especially mentioned
<b>Hazardous decomposition products</b>	None under normal use.

## 11. TOXICOLOGICAL INFORMATION

<b>Acute Toxicity</b>	
<b>Inhalation</b>	No information available.
<b>Eye contact</b>	No information available.
<b>Skin contact</b>	No information available.
<b>Ingestion</b>	No information available.

**Component Information**

<b>Chemical name</b>	<b>LD50 Oral</b>	<b>LD50 Dermal</b>	<b>LC50 Inhalation</b>
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	2220 mg/kg (Rat)	> 740 mg/kg (Rabbit)	> 52 mg/L (Rat) 4 h
Lactic acid	3543 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	7.94 mg/L air (Rat)
Formic acid	730 mg/kg (Rat)	> 2000 mg/kg (Rat)	7,85 mg/L (Rat) vapour 4h
Sodium dioctyl sulfosuccinate	3000 mg/kg (Rat)	2525 mg/kg (Rabbit)	-
Alcohols, C9-11, ethoxylated	> 300 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	

<b>Irritation</b>	No information available
<b>Corrosivity</b>	Corrosive. Causes burns. Causes severe skin burns and eye damage.
<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Reproductive Effects</b>	No information available.
<b>Developmental Effects</b>	No information available.
<b>STOT - single exposure</b>	No information available
<b>STOT - repeated exposure</b>	No information available.

12. ECOLOGICAL INFORMATION

**Ecotoxicity**

**Ecotoxicity effects**

Prevent release to the environment.

Chemical name	Algae/aquatic plants	Fish	Microtox	Waterflea
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts		1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static		
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
Formic acid	25: 96 h Desmodesmus subspicatus mg/L EC50 26.9: 72 h Desmodesmus subspicatus mg/L EC50		EC50 = 46.7 mg/L 17 h	138 - 165.6: 48 h Daphnia magna mg/L EC50 Static 120: 48 h Daphnia magna mg/L EC50
Sodium dioctyl sulfosuccinate		20 - 40: 96 h Oncorhynchus mykiss mg/L LC50 semi-static 24: 96 h Oncorhynchus mykiss mg/L LC50 static 37: 96 h Lepomis macrochirus mg/L LC50 static		36: 48 h Daphnia magna mg/L EC50
Alcohols, C9-11, ethoxylated	EC50 > 1 - <= 10 mg/l	LC50 >1 - <= 10 mg/l	EC50 >100 mg/l (Bacteria)	

**Persistence and degradability** No information available

**Bioaccumulation/Accumulation** No information available.

**Mobility** No information available

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

**UN-No** 3265  
**Proper Shipping Name** Corrosive liquid, acidic, organic, n.o.s ( Formic acid , L-(+)-lactic acid )  
**Transport hazard class(es)** 8  
**Hazard Class** 8  
**Packing Group** II  
**Hazchem Code** 2X

---

15. REGULATORY INFORMATION
----------------------------

<b>ERMA NZ Registration Number</b>	HSR002521
<b>ERMA Group Standard</b>	Animal Nutritional and Animal Care Products Group Standard 2017 (Substances covered by this group standard must comply with relevant provisions of the Hazardous Substances (Safety Data Sheet) Notice 2017
<b>ERMA Reference</b>	ERMA User Guide to the HSNO Controls, which links to the Hazardous Substances Regulations 2001

---

16. OTHER INFORMATION
-----------------------

<b>Prepared By</b>	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
<b>Preparation Date:</b>	17-Jul-2017
<b>Revision Number:</b>	2.1
<b>Revision Date:</b>	13-Sep-2024
<b>Date of Next Revision:</b>	12-Sep-2029
<b>References</b>	<ul style="list-style-type: none"><li>- Hazardous Substances (Hazardous Classification) Notice 2020</li><li>- Hazardous substances (Labelling) Notice 2017</li><li>- Hazardous Substances (Safety Data Sheets) Notice 2017</li><li>- GHS8</li><li>- European Agreement concerning the International Carriage of Dangerous Goods by Road</li><li>- New Zealand Workplace Exposure Standards (WES)</li><li>- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans</li><li>- Chemical Classification and Information Database (CCID)</li></ul>

**Disclaimer**

The information provided on this SDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text

**End of SDS**