

Preparation Date: 17-Jul-2017
Revision Number: 2.3
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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
P280 - Wear protective gloves/protective clothing/eye protection/face protection
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
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing
 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

Workplace Facilities Eyewash bottle with clean water

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes
 Immediate medical attention is required

Skin contact Remove contaminated clothing and shoes
 Wash off immediately with plenty of water
 Do not use solvents or thinners
 Immediate medical attention is required

Inhalation 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

Ingestion 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

Hazchem Code 2X

Flammable Properties No information available.

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 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 ³ STEL: 10 ppm STEL: 19 mg/m ³

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 l/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

Appearance	Dark blue
Physical state	Liquid
Odor	Pungent
Odor Threshold	No information available
pH	1.5 - 2.0
Melting Point/Range	No data available
Freezing Point/Range	No data available
Boiling Point/Range	No data available
Initial boiling point/range	No data available
Flash Point	No data available
Flammability (solid, gas)	No information available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative density	No data available
Solubility	No information available
Solubility in other solvents	No data available
Partition Coefficient (n-octanol/water)	No information available
Autoignition Temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available
Specific Gravity	1.11 (25°C)
Viscosity	30 cP (25°C)

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Inhalation	No information available.
Eye contact	No information available.
Skin contact	No information available.
Ingestion	No information available.

Component Information

Chemical name	LD50 Oral	LD50 Dermal	LC50 Inhalation
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)	

Skin corrosion/irritation	Corrosive Causes severe skin burns
Serious eye damage/eye irritation	Corrosive Causes serious eye damage
Respiratory or skin sensitization	Based on available data, the classification criteria are not met
Germ cell mutagenicity	Based on available data, the classification criteria are not met
Carcinogenicity	There are no known carcinogenic chemicals in this product.
Reproductive toxicity	Based on available data, the classification criteria are not met
Developmental Effects	No information available.
STOT - single exposure	No information available
STOT - repeated exposure	No information available.
Aspiration hazard	Based on available data, the classification criteria are not met.

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**Other adverse effects** 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)
Hazard Class	8
Packing Group	II
Hazchem Code	2X

15. REGULATORY INFORMATION

EPA NZ Registration Number	HSR002618
EPA Group Standard	N.O.S. (Corrosive) Group Standard 2020
HSNO Conditions	Approved Handler trigger quantity: N/A Location Compliance certification trigger: 250L or 250 kg Signage trigger quantity: 250L or 250kg Response Plan trigger quantity: 1000L or 1000kg Secondary containment trigger quantity: 1000L or 1000kg
EPA Reference	Guidance to the changes introduced by the Health and Safety at Work (Hazardous Substances) Regulations 2017

16. OTHER INFORMATION

Prepared By	DeLaval NV Industriepark-Drongen 10 9031 Gent Belgium
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Reason for revision	Update Section: 15 (HSR n° and group standard) 2.2 correction of error (P-statements))
References	<ul style="list-style-type: none">- Hazardous Substances (Hazardous Classification) Notice 2020- Hazardous substances (Labelling) Notice 2017- Hazardous Substances (Safety Data Sheets) Notice 2017- European Agreement concerning the International Carriage of Dangerous Goods by Road- New Zealand Workplace Exposure Standards (WES)- International Agency for Research on Cancer (IARC) - Agents Classified by the IARC Monographs - Group 1: Carcinogenic to humans- Chemical Classification and Information Database (CCID)

Disclaimer

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End of SDS