

Preparation Date: 17-Jul-2017

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
307 Sandwich road
3241
Hamilton
New Zealand

Telephone Number +64 7 847 9904
(8am - 4:30pm Mon-Fri)

Emergency Telephone Number +64 3 474 7000 (National Poisons Centre)
0800 243 622 CHEMCALL

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture according to GHS

HSNO Classifications 6.1E Substances that have relatively low acute toxicity
8.2B Substances that are corrosive to dermal tissue
8.3A Substances that are corrosive to the eye
9.1D Substances that are slightly harmful to the aquatic environment
9.3C Substances that are harmful to terrestrial vertebrates

2.2. Label Elements

Hazard Pictogram(s)



Signal word DANGER

Hazard Statements H303 - May be harmful if swallowed
H314 - Causes severe skin burns and eye damage
H318 - Causes serious eye damage
H402 - Harmful to aquatic life
H433 - Harmful to terrestrial vertebrates

Precautionary statements P101 - If medical advice is needed, have product container or label at hand
P102 - Keep out of reach of children
P103 - Read label before use
P260 - Do not breathe dust/fume/gas/mist/vapors/spray

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P264 - Wash hands and face thoroughly after handling
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P273 - Avoid release to the environment
 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 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P363 - Wash contaminated clothing before reuse
 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 P310 - Immediately call a POISON CENTER/doctor.
 P405 - Store locked up
 P501 - Dispose of contents/container in accordance with local regulations

Contains

FORMIC ACID, LACTIC ACID, Sulfonic acids, C14-16-alkane hydroxyl and C14-16-alkene, sodium salts, 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 dioctyl sulfosuccinate	577-11-7	1 - 10%
Alcohols, C9-11, ethoxylated	68439-46-3	1 - 10%
C.I. Acid blue 9, disodium salt	3844-45-9	0 - 1%

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

No Hazchem Code allocated

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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	OSH (New Zealand, 1/2002)
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: (EN 14605), EN 13832, (dust)

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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

Appearance	Dark blue
Physical state	Liquid
Odor	Pungent
pH	1.5 - 2.0
Vapor Pressure	No data available
Vapor Density	No data available
Flash Point	No data available
Autoignition Temperature	No data available
Upper flammability limit:	No data available
Lower flammability limit:	No data available
Boiling Point/Range	No data available
Freezing Point/Range	No data available
Solubility	No information available
Solubility in other solvents	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.

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity
Inhalation No information available.
Eye contact Corrosive.
Skin contact Corrosive.
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	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	
Lactic acid	= 3730 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	
Formic acid	= 730 mg/kg (Rat)		= 15 g/m ³ (Rat) 15 min
Sodium dioctyl sulfosuccinate	= 1900 mg/kg (Rat)	= 10000 mg/kg (Rabbit)	
Alcohols, C9-11, ethoxylated	= 1400 mg/kg (Rat) = 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	

Irritation No information available
Corrosivity Corrosive. Causes burns. Causes severe skin burns and eye damage.
Sensitization No information available.
Mutagenic effects No information available.
Carcinogenicity There are no known carcinogenic chemicals in this product.

Chemical name	IARC
C.I. Acid blue 9, disodium salt	Group 3

Reproductive Effects No information available.
Developmental Effects No information available.
STOT - single exposure No information available
STOT - repeated exposure No information available

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12. ECOLOGICAL INFORMATION

Ecotoxicity**Ecotoxicity effects**

Harmful to aquatic life

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	3.5: 70 h Pseudokirchneriella subcapitata mg/L EC50	320: 96 h Brachydanio rerio mg/L LC50 semi-static 100 - 180: 96 h Lepomis macrochirus mg/L LC50 static 100 - 180: 96 h Oncorhynchus mykiss mg/L LC50 static		240: 48 h Daphnia magna mg/L EC50 180 - 320: 48 h Daphnia magna mg/L EC50 Static
Formic acid	25: 96 h Desmodesmus subspicatus mg/L EC50 26.9: 72 h Desmodesmus subspicatus mg/L EC50	175: 24 h Lepomis macrochirus mg/L LC50 static	EC50 = 46.7 mg/L 17 h	120: 48 h Daphnia magna mg/L EC50 138 - 165.6: 48 h Daphnia magna mg/L EC50 Static
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

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

Hazchem Code No Hazchem Code allocated

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15. REGULATORY INFORMATION

HSNO Classifications

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9.3C Substances that are harmful to terrestrial vertebrates

ERMA Reference

ERMA User Guide to the HSNO Controls, which links to the Hazardous Substances Regulations 2001

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16. OTHER INFORMATION

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9031 Gent
Belgium

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References

NZS 5433:2007 Transport of Dangerous Goods on Land
Land Transport (Dangerous Goods) Rule 45001:2005
Hazardous Substances Regulations 2001:

- Minimum Degrees of Hazard
- Classification
- Classes 1 to 5 Controls
- Classes 6, 8 and 9 Controls
- Packaging Regulations
- Identification Regulations
- Disposal Regulations
- Emergency Management
- Identification Regulations
- Disposal Regulations

Health and Safety in Employment Regulations 1995
User Guide to the HSNO Thresholds and Classifications
OSH Workplace Exposure Standards January 2002
NZCIC Approved Code of Practice - Preparation of Safety Data Sheets
Signage for premises storing hazardous substances and dangerous goods
Land Transport (Dangerous Goods) Rule 45001:2005
Hazardous Substances Regulations 2001:

- Minimum Degrees of Hazard
- Classification
- Classes 1 to 5 Controls
- Classes 6, 8 and 9 Controls
- Packaging Regulations
- Identification Regulations
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Disclaimer

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End of SDS