

SDS conforms with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends (EC) No 2015/830, 453/2010 & 1907/2006)" and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".



## SAFETY DATA SHEET MASOMINT

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name	MASOMINT
Product number	R014 EV
Internal identification	Livestock
UFI	UFI: 5J04-XNTJ-R00M-8HKN

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Ready to use Chlorhexidine Gluconate & Lactic Acid Teat Disinfectant.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	UK Supplier: Evans Vanodine International plc, Brierley Road, Walton Summit, Preston, PR5 8AH, UK. Tel: 01772 322 200. e-mail: <a href="mailto:productcompliance@evansvanodine.co.uk">productcompliance@evansvanodine.co.uk</a>	EU Supplier: Evans Vanodine Europe (FR), 3 Boulevard de Belfort, 1st Floor, Lille, 59000, France. Tel: +33 (0)3 76 04 21 87.
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#### 1.4. Emergency telephone number

Emergency telephone	New Safety Data Sheets - 01772 322 200 - Mon to Thurs 8.30am to 4.30pm - Fri 8.30am to 1.30pm (Also available 24/7 from our website <a href="http://www.evansvanodine.co.uk">www.evansvanodine.co.uk</a> ) For Technical Advice about this SDS - 01772 318 818 - Mon to Thurs 8.00am to 5.30pm
National emergency Telephone number	For Health Care Professionals only For use in UK: Contact the National Poisons Information Service for further advice.

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture Classification (EU: 1272/2008 & UK: SI 2020/1567 which amends SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Hazard pictograms



Signal word	Warning
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Hazard statements	H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P102 Keep out of reach of children. P280 Wear eye protection. P301+P313 IF SWALLOWED: Get medical advice/ attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with local regulations.
Contains	D-Glucopyranose, Oligomers, C8-10 Alkyl Glucosides, Chlorhexidine Digluconate & Lactic Acid.

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

D-GLUCOPYRANOSE, OLIGOMERS, C8-10-ALKYL GLUCOSIDES		0.1-1%
CAS number: 68515-73-1	EC number: 500-220-1	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318		
CHLORHEXIDINE DIGLUCONATE		0.1-1%
CAS number: 18472-51-0	EC number: 242-354-0	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		
LACTIC ACID		0.1-1%
CAS number: 79-33-4	EC number: 201-196-2	
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318		

The Full Text for all Hazard Statements are Displayed in Section 16.

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## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Ingestion	Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.
Skin contact	Wash with plenty of water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	No specific symptoms known.
Ingestion	No specific symptoms known. But - May cause discomfort if swallowed.
Skin contact	No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils from skin.
Eye contact	May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

### 4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.
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### 5.2. Special hazards arising from the substance or mixture

Specific hazards	Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.
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### 5.3. Advice for firefighters

Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear eye and face protection. For personal protection, see Section 8.
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### 6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
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### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
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### 6.4. Reference to other sections

Reference to other sections	For personal protection, see Section 8.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Usage precautions                      Avoid contact with eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage precautions                      Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.

### 7.3. Specific end use(s)

Specific end use(s)                      The identified uses for this product are detailed in Section 1.2.

Usage description                      See Product Information Sheet & Label for detailed use of this product.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

Ingredient comments                      No exposure limits known for ingredient(s).

### 8.2. Exposure controls

Protective equipment



Appropriate engineering controls                      Not relevant.

Eye/face protection                      Wear eye protection.

Hand protection                      No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

Other skin and body protection                      None required.

Respiratory protection                      Respiratory protection not required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Dark Blue
Odour	Mint
pH	pH (concentrated solution): 3.20
Melting point	0°C
Initial boiling point and range	100°C @ 760 mm Hg
Flash point	Boils without flashing.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Vapour pressure	Not available.

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Vapour density	Not available.
Relative density	Density= 1.027 @ 20°C
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	Not available.

### 9.2. Other information

Other information	None.
Particle size	Not applicable.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

Stability	No particular stability concerns.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	See sections 10.1, 10.4 & 10.5
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### 10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No known hazardous decomposition products.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Toxicological effects	We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.
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Other health effects	Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.
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#### Acute toxicity - oral

Summary	Not applicable.
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#### Acute toxicity - dermal

Summary	Not applicable.
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#### Acute toxicity - inhalation

Summary	Not applicable.
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### Skin corrosion/irritation

Summary Not applicable.

### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

### Respiratory sensitisation

Summary Not applicable.

### Skin sensitisation

Summary Not applicable.

### Germ cell mutagenicity

Summary Not applicable.

### Carcinogenicity

Summary Not applicable.

### Reproductive toxicity

Summary Not applicable.

### Specific target organ toxicity - single exposure

Summary Not applicable.

### Specific target organ toxicity - repeated exposure

Summary Not applicable.

### Aspiration hazard

Summary Not applicable.

11.2 Information on other Hazards None known.

11.2.1 Endocrine disrupting properties None known.

## SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

### 12.1. Toxicity

Toxicity We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

### 12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended). and UK Regulation: SI 2020 No. 1617 "The Detergents (Amendment) (EU Exit) Regulations 2020".

### 12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

Partition coefficient Not applicable.

### 12.4. Mobility in soil

Mobility Not known.

### 12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

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12.6. Endocrine disrupting properties      None known.

### 12.7. Other adverse effects

Other adverse effects      None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal methods      Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

## SECTION 14: Transport information

General      Not classified for Transport.

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

Not regulated.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Maritime transport in bulk according to IMO instruments

Transport in bulk according to Annex II of MARPOL and the IBC Code      Not relevant for a packaged product.

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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Legislation

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020.".

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020." (which amends SI 2019 No.720).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

## SECTION 16: Other information

#### Abbreviations and acronyms used in the safety data sheet

PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.  
ATE: Acute Toxicity Estimate.  
REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.  
GHS: Globally Harmonized System.

#### Classification abbreviations and acronyms

Aquatic Acute = Hazardous to the aquatic environment (acute)  
Aquatic Chronic = Hazardous to the aquatic environment (chronic)  
Eye Dam. = Serious eye damage  
Eye Irrit. = Eye irritation  
Flam. Liq. = Flammable liquid  
Skin Irrit. = Skin irritation  
STOT SE = Specific target organ toxicity-single exposure

#### Key literature references and sources for data

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.

#### Classification procedures

Calculation Method.

#### Revision comments

Slight modification - No change in Product Classification.  
(Changes made to sections 1,3,9+16)

#### Revision date

21/01/2025

#### Revision

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The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.

#### Hazard statements in full

H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.