

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

### MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

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

##### 1.1. Product identifier

Product name	MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION
Product number	R055 EV
Internal identification	Livestock

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

Identified uses	Iodine based Teat Dip
-----------------	-----------------------

##### 1.3. Details of the supplier of the safety data sheet

Supplier	Evans Vanodine International plc, Brierley Road, Walton Summit, Preston, PR5 8AH, UK. Tel: 01772 322 200. e-mail: productcompliance@evansvanodine.co.uk
----------	--

##### 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	Not Classified
Environmental hazards	Not Classified

##### 2.2. Label elements

Hazard statements	NC Not Classified
Precautionary statements	P102 Keep out of reach of children. P301+P313 IF SWALLOWED: Get medical advice/ attention. P501 Dispose of contents/ container in accordance with local regulations.

##### 2.3. Other hazards

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

## MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

C13-15 ALCOHOL ETHOXYLATE (11EO)	3-5%
CAS number: 157627-86-6	
Alternative CAS No 24938-91-8	
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
IODINE	0.1-1%
CAS number: 7553-56-2	EC number: 231-442-4
M factor (Acute) = 1	
BPR +H410, M factor (Chronic) =1	
Classification Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400	

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

Composition comments      The ingredients are present in non-hazardous concentrations.  
Classification is by Read-Across from similar formulations for which test data is available.

### 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. Get medical attention promptly if symptoms occur after washing.

#### 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.
Eye contact	No specific symptoms known. Prolonged contact may cause redness and/or tearing.

## MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

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

Notes for the doctor                      Treat symptomatically.

### **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.

#### 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.

#### 5.3. Advice for firefighters

Special protective equipment for firefighters      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### **SECTION 6: Accidental release measures**

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

Personal precautions                      No special protective clothing. (See Sec 8)

#### 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.

#### 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.

#### 6.4. Reference to other sections

Reference to other sections              For personal protection, see Section 8.

### **SECTION 7: Handling and storage**

#### 7.1. Precautions for safe handling

Usage precautions                      No specific recommendations.

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

Storage precautions                      Keep only in the original container in a cool, well-ventilated place. Protect from light. 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.

## MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters Occupational exposure limits

##### IODINE

Short-term exposure limit (15-minute): WEL 0.1 ppm 1.1 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

Appropriate engineering controls Not relevant.

Eye/face protection No specific eye protection required during normal use.

Hand protection Hand protection not required.

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	Clear. Dark brown.
Odour	Faint Iodine.
pH	pH (concentrated solution): 4.00
Melting point	-1°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.
Vapour density	Not available.
Relative density	1.034 @ 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.

## MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Reactivity The following materials may react with the product: Oxidising materials.

#### 10.2. Chemical stability

Stability No particular stability concerns.

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions See sections 10.1, 10.4 & 10.5

#### 10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

#### 10.5. Incompatible materials

Materials to avoid Oxidising agents as Iodine vapour may be evolved.

#### 10.6. Hazardous decomposition products

Hazardous decomposition products When heated, vapours/gases hazardous to health may be formed.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicological effects Figures quoted below were from ATE (Acute Toxicity Estimate) Calculation Methods using LD50 or ATE figures provided by the raw material manufacturer.

Other health effects Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

#### Acute toxicity - oral

Notes (oral LD<sub>50</sub>) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 11,163.46

#### Acute toxicity - dermal

Summary Not applicable.

#### Acute toxicity - inhalation

Summary Not applicable.

#### Skin corrosion/irritation

Summary Not applicable.

#### Serious eye damage/irritation

Summary Not applicable.

#### 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.

## MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

### 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 Not regarded as dangerous for the environment.

### 12.1. Toxicity

Toxicity No Aquatic Toxicity Data for this product. Any data for ingredients with aquatic toxicity provided by the raw material manufacturer 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.

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 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. Consign empty container to normal waste.

# MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

## 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.

## SECTION 15: Regulatory information

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

Legislation

Medicines Act 1968.

This is a Medicinal product, therefore the CLP/GHS Regulations do not apply.

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".

Classification is by Read-Across from similar formulations for which test data is available.

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.

## MASOCARE 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION

### SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	<p>PBT: Persistent, Bioaccumulative and Toxic substance.</p> <p>vPvB: Very Persistent and Very Bioaccumulative.</p> <p>ATE: Acute Toxicity Estimate.</p> <p>REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.</p> <p>GHS: Globally Harmonized System.</p>
Classification abbreviations and acronyms	<p>Acute Tox. = Acute toxicity</p> <p>Aquatic Acute = Hazardous to the aquatic environment (acute)</p> <p>Aquatic Chronic = Hazardous to the aquatic environment (chronic)</p> <p>Eye Dam. = Serious eye damage</p> <p>Eye Irrit. = Eye irritation</p> <p>Skin Irrit. = Skin irritation</p> <p>STOT SE = Specific target organ toxicity-single exposure</p>
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	Classification is by Read-Across from similar formulations for which test data is available.
Revision comments	New Evans Logo - No change in Product Classification. (Changes made to sections 1+16)
Revision date	01/10/2024
Revision	10
Hazard statements in full	<p>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.</p> <p>H302 Harmful if swallowed.</p> <p>H312 Harmful in contact with skin.</p> <p>H315 Causes skin irritation.</p> <p>H318 Causes serious eye damage.</p> <p>H319 Causes serious eye irritation.</p> <p>H332 Harmful if inhaled.</p> <p>H335 May cause respiratory irritation.</p> <p>H400 Very toxic to aquatic life.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>