

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 1:4 - 2.72% w/v CONCENTRATE FOR TEAT DIP AND SPRAY SOLUTION

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

##### 1.1. Product identifier

|                         |  |
|-------------------------|--|
| Product name            | MASOCARE 1:4 - 2.72% w/v CONCENTRATE FOR TEAT DIP AND SPRAY SOLUTION |
| Product number          | R031 EV  |
| Internal identification | Livestock  |

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

|                 |                                    |
|-----------------|------------------------------------|
| Identified uses | Concentrated Iodine based Teat Dip |
|-----------------|------------------------------------|

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

|          |   |
|----------|---|
| Supplier | Evans Vanodine International plc,<br>Brierley Road,<br>Walton Summit,<br>Preston, PR5 8AH, UK.<br>Tel: 01772 322 200.<br>e-mail: <a href="mailto:productcompliance@evansvanodine.co.uk">productcompliance@evansvanodine.co.uk</a> |
|----------|---|

##### 1.4. Emergency telephone number

|                                     |  |
|-------------------------------------|--|
| Emergency telephone                 | New Safety Data Sheets - 01772 322 200 - Mon to Thurs 8.30am to 4.30pm<br>- 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> )<br>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<br>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 Dam. 1 - H318 |
| Environmental hazards | Not Classified    |

##### 2.2. Label elements

###### Hazard pictograms



|                   |                                 |
|-------------------|---------------------------------|
| Signal word       | Danger                          |
| Hazard statements | H318 Causes serious eye damage. |

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Precautionary statements      Veterinary Medicinal Product quotes "Risk of serious damage to eyes." on product label and no signal word or pictogram.

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.  
P315 Get immediate medical advice/ attention.  
P501 Dispose of contents/ container in accordance with local regulations.

Contains                              C13-15 ALCOHOL ETHOXYLATE (11EO)

**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**

|   |        |
|---|--------|
| C13-15 ALCOHOL ETHOXYLATE (11EO)<br>CAS number: 157627-86-6<br>Alternative CAS No 24938-91-8  | 20-25% |
| Classification<br>Acute Tox. 4 - H302<br>Eye Dam. 1 - H318<br>Aquatic Chronic 3 - H412  |        |
| IODINE<br>CAS number: 7553-56-2                      EC number: 231-442-4<br>M factor (Acute) = 1<br>BPR +H410, M factor (Chronic) =1                     | 1-3%   |
| Classification<br>Acute Tox. 4 - H312<br>Acute Tox. 4 - H332<br>Skin Irrit. 2 - H315<br>Eye Irrit. 2 - H319<br>STOT SE 3 - H335<br>Aquatic Acute 1 - H400 |        |

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

## MASOCARE 1:4 - 2.72% w/v CONCENTRATE FOR TEAT DIP AND SPRAY SOLUTION

### 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.  |
| Skin contact | Wash with plenty of water.   |
| Eye contact  | Get medical attention immediately. Remove any contact lenses and open eyelids wide apart. Continue to rinse. Get medical attention immediately.  |

#### 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         | Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.             |

#### 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 | Wear eye and face protection. For personal protection, see Section 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 spillage with sand, earth or other suitable 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. |
|-----------------------------|---|

## MASOCARE 1:4 - 2.72% w/v CONCENTRATE FOR TEAT DIP AND SPRAY SOLUTION

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Usage precautions                      Wear eye protection.

#### 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.

### 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

Protective equipment



Appropriate engineering controls                      Not relevant.

Eye/face protection                      Wear eye protection.

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.

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|                           |                   |
|---------------------------|-------------------|
| Relative density          | 1.142 @ 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 | 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) | 2,425.13 |
|------------------|----------|

#### Acute toxicity - dermal

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

|                    |           |
|--------------------|-----------|
| ATE dermal (mg/kg) | 58,905.84 |
|--------------------|-----------|

#### Acute toxicity - inhalation

|                                      |  |
|--------------------------------------|--|
| Notes (inhalation LC <sub>50</sub> ) | Based on available data the classification criteria are not met. |
|--------------------------------------|--|

|                               |        |
|-------------------------------|--------|
| ATE inhalation (vapours mg/l) | 454.71 |
|-------------------------------|--------|

## MASOCARE 1:4 - 2.72% w/v CONCENTRATE FOR TEAT DIP AND SPRAY SOLUTION

### Skin corrosion/irritation

Summary Not applicable.

### Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage.

### 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 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 This product does not contain any substances classified as PBT or vPvB. assessment

12.6. Endocrine disrupting None known.

## MASOCARE 1:4 - 2.72% w/v CONCENTRATE FOR TEAT DIP AND SPRAY SOLUTION

properties

### 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 as special waste. 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              Not relevant for a packaged product.  
Annex II of MARPOL  
And the IBC Code

## 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".

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).

## MASOCARE 1:4 - 2.72% w/v CONCENTRATE FOR TEAT DIP AND SPRAY SOLUTION

### 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 | <p>PBT: Persistent, Bioaccumulative and Toxic substance.<br/> vPvB: Very Persistent and Very Bioaccumulative.<br/> ATE: Acute Toxicity Estimate.<br/> REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.<br/> GHS: Globally Harmonized System.</p>  |
| Classification abbreviations and acronyms                | <p>Acute Tox. = Acute toxicity<br/> Aquatic Acute = Hazardous to the aquatic environment (acute)<br/> Aquatic Chronic = Hazardous to the aquatic environment (chronic)<br/> Eye Dam. = Serious eye damage<br/> Skin Irrit. = Skin irritation<br/> STOT SE = Specific target organ toxicity-single exposure</p>   |
| Key literature references and sources for data           | <p>Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&amp;L Inventory database.</p>  |
| Classification procedures                                | <p>Calculation Method.</p>   |
| Revision comments  | <p>New Evans Logo - No change in Product Classification.<br/> (Changes made to sections 1+16)</p>  |
| Revision date  | <p>01/10/2024</p>  |
| Revision   | <p>10</p>  |
| 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.<br/> H312 Harmful in contact with skin.<br/> H315 Causes skin irritation.<br/> H318 Causes serious eye damage.<br/> H319 Causes serious eye irritation.<br/> H332 Harmful if inhaled.<br/> H335 May cause respiratory irritation.<br/> H400 Very toxic to aquatic life.<br/> H412 Harmful to aquatic life with long lasting effects.</p> |