

# SAFETY DATA SHEET

## MASOCARE EXTRA 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 EXTRA 0.535% w/v READY TO USE TEAT DIP AND TEAT SPRAY SOLUTION  
**Product number** R065 EV  
**Internal identification** P.V43

#### 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

**Manufacturer** Evans Vanodine International  
Brierley Road  
Walton Summit  
Preston. UK. PR5 8AH  
Tel: 01772 322 200  
Fax: 01772 626 000  
qclab@evansvanodine.co.uk

#### 1.4. Emergency telephone number

**Emergency telephone** New Safety Data Sheets - 8.30am to 4.45pm - 01772 322 200 - Mon to Fri. (Also available 24/7 from our website [www.evansvanodine.co.uk](http://www.evansvanodine.co.uk)) Technical Advice - 8.30am to 4.45pm - 01772 318 818 - Mon to Fri

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

##### Physical hazards

Not Classified

##### Health hazards

Not Classified

##### Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

#### 2.2. Label elements

##### Hazard statements

NC Not Classified

##### Precautionary statements

P102 Keep out of reach of children.  
P301 IF SWALLOWED:  
P313 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.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

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

<b>C13-15 ALCOHOL ETHOXYLATE (11EO)</b>		<b>3-5%</b>
CAS number: 24938-91-8 EC number: —		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H302	Xn;R22. Xi;R41.	
Eye Dam. 1 - H318		
Aquatic Chronic 3 - H412		
<b>IODINE</b>		<b>0.1-1%</b>
CAS number: 7553-56-2 EC number: 231-442-4		
M factor (Acute) = 1		
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>	
Acute Tox. 4 - H312	Xn;R20/21 N;R50	
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 R-Phrases and 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.

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

**Notes for the doctor**

Treat symptomatically.

**SECTION 5: Firefighting measures**

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

### 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.

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## **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.

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## **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.

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## **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/m3

WEL = Workplace Exposure Limit

### 8.2. Exposure controls

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

### 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.

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## SECTION 9: Physical and Chemical Properties

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### 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.

#### Relative density

1.036 @ 20°C

#### Solubility(ies)

Soluble in water.

### 9.2. Other information

#### Other information

None.

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## SECTION 10: Stability and reactivity

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### 10.1. 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

See sections 10.1,10.4 & 10.5

### 10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

### 10.5. Incompatible materials

#### Materials to avoid

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

Oxidising agents as Iodine vapour may be evolved.

### 10.6. Hazardous decomposition products

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

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## 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 LD50)

Based on available data the classification criteria are not met.

##### ATE oral (mg/kg)

11,163.45623351

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## SECTION 12: Ecological Information

#### Ecotoxicity

Not regarded as dangerous for the environment.

### 12.1. 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 Regulation (EC) No. 648/2004 on detergents.

### 12.3. Bioaccumulative potential

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

### 12.4. Mobility in soil

#### Mobility

Not known.

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Other adverse effects

Not known.

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## 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.

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## SECTION 14: Transport information

**General** Not classified for Transport.

### 14.1. UN number

UN No. (ICAO)

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

**14.2. UN proper shipping name**

**14.3. Transport hazard class(es)**

ADR/RID label

ICAO class/division

ICAO subsidiary risk

**14.4. Packing group**

ADR/RID packing group

ICAO packing group

**14.5. Environmental hazards**

**14.6. Special precautions for user**

EmS

Emergency Action Code

Hazard Identification Number  
(ADR/RID)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

**SECTION 15: Regulatory information**

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

**National regulations**

Medicines Act 1968. This is a Medicinal product, therefore the CHIP & CLP Regulations do not apply.

**EU legislation**

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010 (which amends Regulation (EC) No 1907/2006). Classification is by Read-Across from similar formulations for which test data is available. Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP- Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

**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**

**Key literature references and sources for data**

Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC. ECHA - C&L Inventory database.

**Revision comments**

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

**Revision date** 01/06/2015

**Revision** 5

**SDS status** The Risk Phrases / 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 Risk Phrases / Hazard Statements relating to this Product see Section 2.

**Risk phrases in full**

- NC Not classified.
- R20/21 Harmful by inhalation and in contact with skin.
- R22 Harmful if swallowed.
- R41 Risk of serious damage to eyes.
- R50 Very toxic to aquatic organisms.

**Hazard statements in full**

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

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.