



SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/6

RHODAMINE WT LIQUID

Revision 5

Revision date 2016-11-07

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

1.1 Product Identifier

Product Name	RHODAMINE WT LIQUID
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1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Xanthene Dye Preparation.
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1.3. Details of the supplier of the safety data sheet

Company Address	Masefield-Beta Limited, Unit 17, Coneygre Ind Est, Tipton, West Midlands, DY4 8XP
Web	https://www.masefield-beta.co.uk/
Telephone	Tel: 0121 557 3433
Fax	Fax: 0121 520 6369
E-mail	sales@masefield-beta.co.uk
Email address of the competent person	sales@masefield-beta.co.uk

1.4. Emergency telephone number

Emergency telephone number	0121 557 3433
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Intended use	Tracing Dye.
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SECTION 2: Hazards identification

2.1 . Classification of the substance or mixture

	No Significant Hazard
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2.2 . Label elements

	None.
Risk phrases	No Significant Hazard

2.3 . Other hazards

Other hazards	No data available.
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SECTION 3: Composition/information on ingredients

3.1. Substances

Print date 2016-11-07

RHODAMINE WT LIQUID

Revision 5

Revision date 2016-11-07

	Not applicable.
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3.2 . Mixtures

	The product does not contain any substances classified as hazardous according to CLP.
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May be harmful if swallowed.

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

Inhalation	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.
Eye contact	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.
Skin contact	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.
Ingestion	Seek medical attention if irritation or symptoms persist. Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 . Extinguishing media	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2 . Special hazards arising from the substance or mixture	Burning may produce irritating and noxious fumes.
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5.3 . Advice for firefighters	Wear protective clothing to prevent contact with skin and eyes. Wear suitable respiratory equipment when necessary. Self-contained breathing apparatus. Use water spray to cool containers.
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Further information

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

RHODAMINE WT LIQUID

Revision 5

Revision date 2016-11-07

	Ensure adequate ventilation of the working area. Wear suitable protective equipment.
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6.2 . Environmental precautions

	Do not allow product to enter drains. Prevent further spillage if safe. Contain spillage using bunding.
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6.3 . Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal.
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6.4 . Reference to other sections

	See section 3, 8 & 13 for further information.
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SECTION 7: Handling and storage

7.1 . Precautions for safe handling

	Ensure adequate ventilation of the working area. Avoid ingestion, inhalation, skin and eye contact.
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Handle in accordance with good industrial hygiene practice and any legal requirements

7.2 . Conditions for safe storage, including any incompatibilities

	Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.
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7.3 . Specific end use(s)

	No data available.
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SECTION 8: Exposure controls/personal protection

8.1 . Control parameters

	No exposure limit value known.
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Ensure adequate ventilation of the working area.

Approved safety goggles

Ensure eye bath is to hand
Chemical resistant protective gloves (EN374).

Wear chemical protective clothing.

In case of mist, spray or aerosol exposure wear suitable respiratory protection.

RHODAMINE WT LIQUID

Revision 5

Revision date 2016-11-07

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Dark red
Odour	Odourless
Odour threshold	No data available
pH	10
Melting point	No data available
Freezing Point	No data available
Initial boiling point	< 110 °C
Flash point	< 121 °C
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	1.13 g/cm ³
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	Miscible in water

9.2. Other information

RHODAMINE WT LIQUID

Revision 5

Revision date 2016-11-07

9.2. Other information

Solubility	Miscible in water
Conductivity	No data available.
Surface tension	No data available.
Gas group	No data available.
Benzene Content	No data available.
Lead Content	No data available.
VOC (Volatile organic compounds)	No data available.

Water Solubility

	Miscible in water.
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SECTION 10: Stability and reactivity

10.1 . Reactivity

	No data available
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10.2 . Chemical stability

	Stable under normal conditions.
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10.3 . Possibility of hazardous reactions

	Under normal handling and storage conditions, no hazardous reaction is expected
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10.4 . Conditions to avoid

	Heat. Flames. Sources of ignition.
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10.5 . Incompatible materials

	No data available.
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10.6 . Hazardous decomposition products

	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Burning may produce irritating and noxious fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	No irritation expected.
Serious eye damage/irritation	No irritation expected.

RHODAMINE WT LIQ	Dermal Rat LD50: Not determined Dermal Rabbit LD50: Not determined	Oral Rat LD50: Not determined Inhalation Rat LC50/4 h: Not determined
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Print date 2016-11-07

RHODAMINE WT LIQUID

Revision 5

Revision date 2016-11-07

SECTION 12: Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available.

Partition coefficient

RHODAMINE WT LIQUID No data available

12.4 . Mobility in soil

No data available.

12.5 . Results of PBT and vPvB assessment

No data available.

12.6 . Other adverse effects

No data available.

Further information

Fish Toxicity	LC50 >320 mg/l mg/l (48 h, Rainbow trout).
Biodegradability	Not readily biodegradable.
Summary	Not classified as harmful to aquatic organisms at 100mg/l.
Behaviour in treatment plants	No inhibition. No nitrification inhibition known.

RHODAMINE WT LIQUID

Revision 5

Revision date 2016-11-07

SECTION 13: Disposal considerations

13.1 .Waste treatment methods

No data available.

Disposal methods

Dispose of in compliance with all local and national regulations.
Contact a licensed waste disposal company.

Disposal of packaging

Do NOT reuse empty containers.
Empty containers can be sent for disposal or recycling.
Dispose of containers in accordance with local and national regulations.

European Waste Catalogue

For disposal within the EC, the appropriate code according to the European Waste Catalogue (94/3 EC) (EWC) should be used.

SECTION 14: Transport information

14.1 . UN Number

The product is not classified as dangerous for carriage.

14.2 . UN proper shipping name

The product is not classified as dangerous for carriage.

14.3 . Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4 . Packing group

The product is not classified as dangerous for carriage.

14.5 . Environmental hazards

The product is not classified as dangerous for carriage.

14.6 . Special precautions for user

The product is not classified as dangerous for carriage.

14.7 . Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

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

Regulations

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Print date 2016-11-07

Revision 5

Revision date 2016-11-07

of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

15.2. Chemical safety assessment

No data available.

SECTION 16: Other information

Other information

Further information

Revision

This document differs from the previous version in the following areas:

- 2 - 2.1. Classification of the substance or mixture.
- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - 2.2. Label elements.
- 2 - Hazard pictograms.
- 2 - Signal Word.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 3 - 3.2. Mixtures.
- 4 - Inhalation.
- 4 - Eye contact.
- 4 - Skin contact.
- 4 - Ingestion.
- 5 - 5.2. Special hazards arising from the substance or mixture.
- 7 - 7.1. Precautions for safe handling.
- 8 - Respiratory protection.
- 8 - Skin protection - Handprotection.
- 8 - Eye / face protection.
- 9 - 9.1. Information on basic physical and chemical properties (PH).
- 9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).
- 9 - 9.1. Information on basic physical and chemical properties (Flash point).
- 9 - 9.1. Information on basic physical and chemical properties (Oxidising properties).
- 10 - 10.4. Conditions to avoid.
- 10 - 10.3. Possibility of hazardous reactions.
- 10 - 10.6. Hazardous decomposition products.
- 11 - 11.1.4. Toxicological Information.
- 11 - Skin corrosion/irritation.
- 11 - Eye irritation.
- 11 - Skin irritation.
- 11 - 11.1. Information on toxicological effects.
- 11 - Serious eye damage/irritation.
- 15 - Labelling.
- 15 - Risk phrases.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.