

Glo-Leak UV Leak Test Fluid Product: GL1234

Safety Data Sheet, according to Regulation (EG) No. 453/2010

Date of issue: 23-03-2017

Revision date: 23.04.2018

Version: 2.3

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

1.1. Product identifier

Chemical type : Mixture
Trade name : GLO-LEAK UV-FLUORESCENT LEAK TEST FLUID TYPE GL1234
Colour Index/ Chemical name : Mixture
Chemical characterization : Dyestuff in organic solution

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

1.2.1. Relevant identified uses

Main use category : Dyestuff for industrial applications.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

PRIMALEC (R J Doran & Co Ltd) Green Farm, Nettlestead Green
MAIDSTONE - ME18 5HD, England
T +44 (0)1622 816955 customers@primalec.co.uk

1.4. Emergency telephone number

Emergency number +44 (0)1622 816955

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product has been classified according to the legislation in force
Classification according to Regulation (EC) No 1272/2008 as amended.
Skin sensitizer Category 1 H317: May cause an allergic skin reaction

2.2. Label elements

Label elements according to Regulation (EC) No 1272/2008 as amended



Signal Words: Warning
Hazard Statement(s): H317: May cause an allergic skin reaction

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Description : Dyestuff in organic solution
Colour Index/ Chemical name : Mixture

3.2 Mixtures

Chemical name	Concentration	EC No.
Oxirane, [[[2-ethylhexyl)oxy]methyl]-	0.1 - 1%	219-553-6

Classification Regulation No. 1272/2008

Chemical name	Classification	Notes
Oxirane, [[[2-ethylhexyl)oxy]methyl]-	Skin Corr. 2; H315 Skin Sens. 1A; H317	

SECTION 4: First aid measures

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4.1 Description of First Aid Measures

First-aid measures general:	First Aid, decontamination, treatment of symptoms. In all cases of doubt, or when symptoms persist, seek medical advice.
First-aid measures after inhalation:	When symptoms occur: go into open air and ventilate suspected area. If unconscious, place in the recovery position and seek medical advice.
First-aid measures after skin contact:	Rinse and then wash skin with water and soap. Remove contaminated clothes. Do not remove clothing if it sticks to the skin.
First-aid measures after eye contact:	Rinse immediately with plenty of water, also under the eyelids. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion:	Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person or a person with cramps.

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

Symptoms/injuries after inhalation:	No symptoms known up to now.
Symptoms/injuries after skin contact:	Staining of the skin. There may be mild irritation at the site of contact.
Symptoms/injuries after eye contact:	Staining of the eyes. There may be irritation.
Symptoms/injuries after ingestion :	There may be irritation.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:	Water spray. Extinguishing powder. Carbon dioxide (CO ₂). alcohol resistant foam.
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5.2. Special hazards arising from the substance or mixture

Reactivity :	On burning: release of harmful/irritant gases/vapours.
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5.3. Advice for firefighters

Firefighting instructions:	Standard procedure for chemical fires. Cool tanks/drums with water spray/remove them into safety.
Protection during firefighting:	Use appropriate respiratory protection.
Other information:	Contaminated fire-fighting water must be collected separately.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures:	Avoid contact with skin, eyes and clothing. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke.
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6.1.1. For non-emergency personnel

Protective equipment:

Wear personal protection equipment. Refer to chapter 8.

Emergency procedures:

Ensure adequate ventilation. Wear suitable respiratory equipment in case of insufficient ventilation. Keep unprotected persons from entering.

6.1.2. For emergency responders

Protective equipment:

Wear personal protection equipment. Refer to chapter 8.

Emergency procedures

Ensure adequate ventilation. Wear suitable respiratory equipment in case of insufficient ventilation. Keep unprotected persons from entering.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up any spills as soon as possible, using an absorbent material to collect it.

Wash away remainder with plenty of water.

6.4. Reference to other sections

See also section 8 & 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Reduce/avoid exposure and/or contact. Keep away from sources of ignition - No smoking.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Do not drink, eat or smoke in the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep away from heat. Protect from freezing. Keep out of the reach of children.

Prohibitions on mixed storage : Keep away from food, drink and animal feedingstuffs.

Storage area : Ensure adequate ventilation of the storage area. Keep container tightly closed. Store in a cool dry place.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls: Ventilate area. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment: Gloves. Protective clothing. Safety glasses.



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Hand protection:	Wear suitable gloves resistant to chemical penetration (to European standard EN 374 or equivalent), e.g. PVC or nitrile rubber. Since the product consists of several substances, it is not possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use
Eye protection:	Tightly sealed safety glasses.
Skin and body protection	Wear suitable protective clothing
Respiratory protection:	With correct and proper use, and under normal conditions, breathing protection is not required.
Environmental exposure controls:	Avoid release to the environment.
Other information:	Keep away from food, drink and animal feedingstuffs.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: liquid.
Colour	: dark yellow.
Odour	: Perceptible odour.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: >250 °C
Self ignition temperature	: Product is not self-igniting.
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: 0.98 - 0.99 (20 °C)
Solubility	: Water: insoluble
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: Product does not present an explosion hazard.
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

On burning: release of harmful/irritant gases/vapours.

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10.2. Chemical stability

The product is stable at normal handling- and storage conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

high temperatures.

10.5. Incompatible materials

Oxidizing and reducing agents may destroy the dye.

10.6. Hazardous decomposition products

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, nitrogen oxides (NOx).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

GLO-LEAK UV-FLUORESCENT LEAK TEST FLUID TYPE GL1234	
LD50 Oral Rat	> 2000 mg/kg

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity (single exposure) : Not classified

Specific target organ toxicity (repeated exposure) : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology – general: Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

Ecology – water: Insoluble in water

12.2 Persistence and degradability

GLO-LEAK UV-FLUORESCENT LEAK TEST FLUID TYPE GL1234	
Persistence and degradability	No data available

12.3 Bioaccumulative potential No additional information available

12.4 Mobility in soil

GLO-LEAK UV-FLUORESCENT LEAK TEST FLUID TYPE GL1234	
Ecology - soil	Readily absorbed into soil.

12.5 Results of PBT assessment

GLO-LEAK UV-FLUORESCENT LEAK TEST FLUID TYPE GL1234	
Results of PBT assessment	No data available

12.6. Other adverse effects

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Other information:

Negligible ecotoxicity.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Observe regulations when disposing.

Sewage disposal recommendations: Substance must not be discharged into the sewer.

Waste disposal recommendations : Consider recycling. Remove to an authorized waste incinerator.

SECTION 14: Transport information

In accordance with ADR / RID / ADN / IMDG / ICAO / IATA 14.1. UN number

No dangerous good in sense of transport regulations.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport No additional information available

14.6.2. Transport by Sea No additional information available

14.6.3. Air transport No additional information available

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer:

None present or none present in regulated quantities.

Regulation (EC) No. 850/2004 on persistent organic pollutants:

None present or none present in regulated quantities.

Regulation (EC) No. 689/2008 Import and export of dangerous chemicals:

None present or none present in regulated quantities

Regulation (EC) No. 1907/2006, REACH Article 59(1). Candidate List:

None present or none present in regulated quantities.

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended:

None present or none present in regulated quantities.

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

None present or none present in regulated quantities.

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.:

None present or none present in regulated quantities.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.:

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None present or none present in regulated quantities.

15.1.2. National regulations

Water hazard class (WGK) : 1 - slightly hazardous to water

WGK remark : Estimated from the components.

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Wording of the H-statements in section 2 and 3:

H317 May cause an allergic skin reaction.

Indication of changes:

Data sources : This information is based on the present data (producers, chemical safety cards,
<http://echa.europa.eu/>, <http://ecb.jrc.ec.europa.eu/esis/>, ...).

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.