

# Glo-Leak GL1390 and GL1490.

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 01-10-2016

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Version: 5.2

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

#### 1.1. Product identifier

Chemical type : Mixture  
Trade name : Glo-Leak 1390 and 1490  
Color Index/ Chemical name : Mixture  
Chemical characterization : Dyestuff in aqueous 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  
[msds@chromatecheurope.eu](mailto:msds@chromatecheurope.eu)

#### 1.4. Emergency telephone number

Emergency number : +44 (0)1622 816955 ( 8.30am-5.00pm)

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

##### Classification according to Directive 67/548/EEC or 1999/45/EC

Not classified

##### Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

description: : Dyestuff in aqueous solution  
Color Index/ Chemical name : Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

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### SECTION 4: First aid measures

#### 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, carbon dioxide (CO<sub>2</sub>), foam and powder.

#### 5.2. Special hazards arising from the substance or mixture

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

#### 5.3. Advice for firefighters

- Firefighting instructions : Standard procedure for chemical fires.
- 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.

##### 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.

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### 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.
- 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.



- 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 : yellow.
- Odour : None.
- Odour threshold : No data available
- pH : 8,6 - 9
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : < 0 °C
- Freezing point : No data available
- Boiling point : > 100 °C
- Flash point : No data available
- Self ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : No data available
- Vapour pressure : 18 mm Hg @ 25°C
- Relative vapour density at 20 °C : No data available
- Relative density : No data available
- Density : 1,2 - 1,4 g/cm<sup>3</sup>
- Solubility : Water: miscible.
- Log Pow : No data available
- Log Kow : No data available
- Viscosity, kinematic : No data available
- Viscosity, dynamic : No data available
- Explosive properties : No data available
- Oxidising properties : No data available
- Explosive limits : No data available

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### 92 Other information

VOC content : 0 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

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

### 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

Reducing agents. Strong acid.

### 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

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LD50 oral rat	> 2000 mg/kg
Skin corrosion/irritation	: Not classified pH: 8,6 - 9
Serious eye damage/irritation	: Not classified pH: 8,6 - 9
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

#### Glo-Leak 1390 and 1490.

### 12.1. Toxicity

No additional information available

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

Bioaccumulative potential : No indication of bio-accumulation potential.

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### 12.4. Mobility in soil

Ecology - soil : Readily absorbed into soil.

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### 12.5. Results of PBT and vPvB assessment

Results of PBT assessment : No data available

### 126. Other adverse effects

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### 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.

### SECTION 14: Transport information

In accordance with ADR / RID / ADNR / 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

No REACH Annex XVII restrictions

VOC content : 0 g/l

##### 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

Indication of changes:

First aid measures. Firefighting measures. Accidental release measures. Handling and storage. Exposure controls/personal protection. Disposal considerations. Physical and chemical properties. Stability and reactivity.

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.*