

**01 Trade name and company.****01 Trade name:**

Glo-Leak 284

Product Codes: GL1284; GL1284A; GL1284G (according to package size and type)

**02 Company:**

PRIMALEC

Green Farm, Maidstone Road, Nettlestead Green, Nr Maidstone, Kent ME18 5HD, England

Tel: +44 (0)1622 816955 Fax: +44 (0)1622 816110

**03 Uses:**

Ultra Violet Sensitive oil based Fluorescent additive for industrial use

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**02 Composition/information on ingredients.****01 General description:**

Dyestuff in organic solution.

**06 Hazardous ingredients:**

N-(N-octyl)-2-pyrrolidinone (CAS no.2687-94-7, EINECS no.403-700-8) conc. &lt;10%

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**03 Hazards identification.****01 Risk phrases:**

Xi - Irritant.

R 36/38: Irritating to eyes and skin.

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**04 First-aid measures.****01 General procedures:**

Remove contaminated clothing.

**02 Inhalation:**

If symptoms due to inhalation of vapour are observed: remove person to fresh air, seek medical advice.

**03 Skin contact:**

After contact with skin, wash with water and soap.

**04 Eye contact:**

After contact with eyes, rinse immediately with plenty of water and seek medical advice.

**05 Ingestion:**

If swallowed, rinse mouth with plenty of water and give water to drink. Seek medical advice.

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**05 Fire-fighting measures.****01 Extinguishing media:**Waterspray, foam, dry chemical, carbon dioxide (CO<sub>2</sub>).**02 Protective equipment:**

Self-containing breathing apparatus.

**03 Special exposure Hazards:**If involved in a fire the product may emit toxic/irritant fumes. (CO, NO<sub>x</sub>, SO<sub>x</sub>)

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**06 Accidental release measures.****01 Personal protection:**

Avoid inhalation of vapour.

**02 Environmental protection:**

Prevent entry into sewers, water sources or soil.

**03 Cleaning measures:**

Soak up with an inert absorbant material and put in a drum for disposal. Remove remainders with

running water and detergent.

**07 Handling and storage.****01 Handling:**

Maintain appropriate ventilation in storage- and working place.

**02 Fire- and explosion precautions:**

Keep away from open fire and sources of ignition.

**03 Storage:**

Keep container tightly closed and store in dry and cool conditions.

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**08 Exposure controls/personal protection.****02 Substances with exposure limits:**

Total aerosol: 10 mg/m<sup>3</sup>.

**03 Personal protection:**

Respiratory protection: Avoid inhalation of vapour.

Use an aerosol mask (according to EN 140 or equal), if applying as a spray

Skin protection: Impervious gloves. (PVC, rubber, neoprene)

Face protection: Safety glasses.

General measures: Store, handle and use in accordance with good industrial hygiene practices when handling with chemicals.

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**09 Physical and chemical properties.****01 Physical form:**

Liquid.

**02 Colour:**

yellow.

**03 Odour:**

product characteristic.

**04 Change of physical form:**

See 09.05 upto 09.10 incl.

**05 Boiling point/boiling range:**

above 100 °C.

**06 Point of solidification:**

below 5 °C.

**07 Melting point/melting range:**

n.a.

**08 Flash point:**

120 °C

**09 Flammability:**

not known.

**10 Decomposition temperature:**

not known.

**11 Explosive properties:**

Product is not considered as an explosion hazard.

**12 Vapour pressure:**

not known.

**13 Relative density:**

not known.

**14 Bulk density:**

not known.

**15 Solubility in water:**

insoluble.

**16 Solubility in other solvents:**

n.d.a.

**17 pH-value:**

not known.

**18 Partition Coefficient (n-octanol/water):**

not known.

**19 Viscosity:**

not known

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**10 Stability and reactivity.****01 Stability:**

No decomposition occurs if stored and used under normal conditions.

**02 Materials to avoid:**

Strong acids.

Oxidizing agents.

**03 Conditions to avoid:**

High temperatures.

**04 Hazardous reactions:**

None known.

**05 Hazardous decomposition products:**

None, if stored and used under normal conditions.

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**11 Toxicological information.****01 Acute toxicity, LD50/oral/rat:**

more than 2000 mg/kg.

**02 Primary skin irritation/rabbit:**

irritant.

**03 Primary eye irritation/rabbit:**

irritant.

**04 Inhalation risk:**

n.d.a.

**05 Sensitization risk:**

n.d.a.

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**12 Ecological information.****01 Biodegradability:**

not known.

**02 Mobility:**

Floats on water. Readily absorbed into soil.

**03 Persistence and degradability:**

n.d.a.

**04 Bioaccumulative potential:**

n.d.a.

**05 Other adverse effects:**

Toxic to aquatic organisms.

**10 Ecotoxicity:**

See 12.11 and 12.20

**11 Fish toxicity:**

not known.

**20 Toxicity to bacteria in effluent:**

not known.

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**13 Disposal considerations.****01 Product:**

Product should be disposed of by land-fill or incineration plant at an authorized site in accordance with local regulations.

**02 Containers:**

Containers should be disposed of the same way as the product.

**14 Transport information.****04 Hazards identification:**

UN No.: 3082

Proper shipping name:

Environmentally hazardous substance, liquid, n.o.s.

(N-(N-octyl)-2-pyrrolidinone)

ADR: class, code: 9

label: 9

IMDG: class: 9

label: 9

EmS no. : F-A, S-F

ICAO/IATA: class: 9

Packing group (III)

Additional information: Keep away from foodstuffs

**15 Regulations.****01 Classification according to EC directives:**

Xi - Irritant.

R 36/38: Irritating to eyes and skin.

R 52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S 61: Avoid release to the environment. Refer to special instructions/Safety data sheets.

**02 National regulations:**

WGK (Water Pollution Class): not known

Classification according to the German Water Resources Act.

**16 Other information.**

n.a. : not applicable

n.d.a. : no data available

Last revision d.d.: 03.Nov.2008

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from a point of view of health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

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