

GREEN VISION GREENLYTE

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / MIXTURE AND OF SUPPLIER

Product Identifier: GREENLYTE
Product Form: Topical Concentrate Solution Liquid
Other means of identification: First aid antiseptic, mild oxidizing solution
Product Use: Sanitation and disinfecting agent
Supplier Details: GREEN VISION
STRAND

Emergency Contact: + 27 84 507 1767

2. HAZARDS IDENTIFICATION

(ONCE DILUTED CLASSIFIES AS A NON-HAZARDOUS WORKING SOLUTION)

GHS Classification for Concentrate: Skin corrosion/irritation – Category 2 - Undiluted
Eye damage/irritation – Category 2A - Undiluted

GHS Label Elements:



Signal Word: WARNING
Hazard Statements: Can causes skin irritation (Undiluted)
Causes moderated eye irritation (Undiluted)
Precautionary Statements: Wash face, hands and any exposed skin thoroughly after handling Wear protective gloves. Wear eye protection/face protection. (Undiluted)
Response: IF SKIN IRRITATION OCCURS: Wash with plenty of soap and water
Specific treatment /Get medical advice/attention (see supplemental first aid instructions on this label)
Take off contaminated clothing and wash it before re-use.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention
Storage: Solution stored in light proof polypropylene containers
Disposal: None
Hazards Not Otherwise Classified: None known.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Mixture

| Name | Product Identifier | % (w/w) |
|----------------------------------|--------------------|---------|
| Proprietary solution | | 1 - 5 |
| Processed Water & Paracetic Acid | (CAS) 7732-18-5 | 95 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

Description of First Aid Measures

Inhalation: Remove to fresh air. Get medical attention immediately if symptoms occur.

Skin Contact: In the case of skin irritation or allergic reactions, wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation persists.

Eye Contact: Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Ingestion: If swallowed do NOT induce vomiting and obtain immediate medical attention.

Most important symptoms/effects, acute and delayed

Burning sensation (Undiluted)

Eyes: Causes eye irritation/damage.

Skin: Causes mild skin burns.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to physician: No information available

See toxicological information (Section 11)

5. FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special Hazards Arising from the Substance or Mixture

No information available

Hazardous decomposition: Carbon oxides.

Special protective equipment for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid contact with eyes and clothing. Ensure adequate ventilation. Use personal protective equipment as required.

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Environmental precautions: Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for Safe Handling

General Procedures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place. Solutions to be stored in light proof polypropylene containers. Keep out of the reach of children.

Incompatible Products: Strong acids. Strong oxidizing agents. Strong bases.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls

There is no exposure data pertaining to the product. This section reflects exposure data pertaining to individual ingredients.

Occupational exposure limits

| Ingredient name | Value Type (form of exposure) | Control Parameters/ Permissible concentration | Basis |
|----------------------|-------------------------------|--|-------|
| Proprietary Solution | TWA | 1 ppm (1.4 mg/m ³) | OSHA |
| | TWA | 1 ppm | ACGIH |
| | TWA | 1 ppm (1.4 mg/m ³) | NIOSH |
| | IDLH | 75 ppm | NIOSH |

Appropriate engineering controls

Showers, Eyewash stations, Ventilation systems

Respiratory protection: No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Eye protection: Tight sealing safety goggles.

Skin and body protection: Wear protective gloves and protective clothing. Long sleeved clothing. Impervious gloves.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

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| | |
|--|-----------------------|
| Appearance (<i>physical state</i>) | Liquid. |
| Colour | Clear, colourless |
| Odor | Ozone-like |
| Initial boiling point | > 100°C |
| Freezing point | < 0°C |
| Flash point | Not available |
| Upper / Lower flammability or explosive limits | Not available |
| Vapor pressure | Approximately 18 mmHg |
| Vapor density | 0.6 (air = 1) |
| Specific gravity | 1.010 |
| Partition coefficient: n-octanol/water | Not available |
| Auto-ignition temperature | Not available |
| Solubility(ies) | Soluble |
| pH | 6.5 –7.5 |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Reactivity: | No available data |
| Chemical Stability: | The product is stable. |
| Conditions to Avoid: | None known based on information supplied |
| Incompatible Materials: | Strong acids. Strong oxidizing agents. Strong bases. |
| Hazardous Decomposition Products: | Carbon oxides. |

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Component

Acute Toxicity: No Risk for human health and Environment in diluted solution

| Ingredient name | LD ₅₀ Oral | Species | LD ₅₀ Dermal | Species | LC ₅₀ Inhalation | Species |
|----------------------|-----------------------|---------|--------------------------|---------------|-----------------------------|---------|
| Proprietary Solution | 801 mg/kg | Rat | 4060 mg/kg 2000 mg/kg | Rat Rabbit | 2 g/m ³ (4h) | Rat |

Information on toxicological Effects

May cause skin redness. May cause redness and tearing of the eyes. May cause blindness. Burning.

Irritation/Corrosion Information for Component

Skin corrosion/irritation

Skin irritation: Remarks: Irritating to skin.

Serious eye damage/eye irritation

Eye irritation: Remarks: Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.

Mutagenic Effects No information available.

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| | |
|---------------------------------|---|
| Carcinogenicity | ACGIH (American Conference of Governmental Industrial Hygienists); A3 – Animal Carcinogen IARC (International Agency for Research on Cancer); Group 3 - Not Classifiable as to Carcinogenicity in Humans |
| Reproductive Toxicity | No information available. |
| STOT - single exposure | No information available. |
| STOT - repeated exposure | No information available. |
| Chronic Toxicity | No known effect based on information supplied. |
| Target Organ Effects | Respiratory system. Eyes. Skin. Blood. Lungs. |
| Aspiration Hazard | No information available. |

12. ECOLOGICAL INFORMATION

Ecotoxicity information for product: No available data
Ecotoxicity information for Components:

Persistence and degradability: No available data
Bio-accumulative potential: No available data
Mobility in soil: No available data
Other adverse effects: No available data

13. DISPOSAL CONSIDERATIONS

Disposal methods: Transfer to a suitable container and arrange for collection by specialized disposal company. May be discharged to waste water treatment installation. Avoid release to soil. Users need to pay attention to the possible existence of regional or national regulations regarding disposal. Disposal, treatment, or recycling of industrial waste must comply with applicable regulations to preserve the environment.

14. TRANSPORT INFORMATION

| | DOT Classification | TDG Classification | Mexico Classification | ADR/RID | IMDG | IATA |
|------------------------------|-------------------------------|-------------------------------|----------------------------------|----------------|---------------|---------------|
| UN number | Not regulated | Not regulated | Not regulated | Not regulated | Not regulated | Not regulated |
| Environmental hazards | No. | No. | No. | No. | No. | No. |

Special precautions for user: none

Safety, Health and Environmental Regulations for Product**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

| | |
|-----------------------------------|-----|
| Acute Health Hazard | Yes |
| Chronic Health Hazard | No |
| Fire Hazard | No |
| Sudden release of pressure hazard | No |
| Reactive Hazard | No |

Canadian Regulations

This product is considered a natural health product (NHP) and is exempt of requirements of WHMIS 2015.

NPN 80076884

**16. OTHER INFORMATION:
INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE MSDS****Disclaimer**

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