

Section 1: Identification of the substance/mixture and the company

Product identifier

- **Tradename:** Squall
- **Use of the substance/Mixture:** Additive

Details of the supplier of the safety data sheet

- **Manufacturer/supplier/ Information department:**
GreenA B.V.
Science Park 406
1098 XH Amsterdam, The Netherlands
Tel. +31 20 888 45 00 info@greena.nl www.greena.nl
- **Emergency telephone number:** +31 20 888 45 00

Section 2: Hazards identification

Classification of the substance or mixture

- **Classification Regulation (EC) No. 1272/2008:** Not applicable.
The product is not classified according to EC directives.

Label elements

- **Labelling (REGULATION (EC)) No. 1272/2008:** Not applicable.
Observe the usual precautions when handling chemicals. The product is not classified according to EC directives.

Hazard pictograms: Not applicable.

Signal word: Not applicable.

Hazard statements: Not applicable.

Safety instructions: Not applicable.

Special label of certain mixtures

Packaging must not be reused. To avoid risks to man and the environment, the user manual must be followed. Safety Data Sheet available upon request for professional users.

Other dangers

- **Results of PBT- and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

Section 3: Composition/information on ingredients

Chemical characterization: Mixture

- **Description:** Suspension concentrate (SC) from a polyethylene glycol mixture
- **Hazardous ingredients:**
 1. Polyethylene glycol
EG-Nr.: 500-038-2
CAS: 25322-68-3
Classification (CLP): not applicable
Concentration: < 5%
 2. Propan-2-ol
EG-Nr.: 200-661-7
CAS: 67-63-0
Classification (CLP): Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336
Concentration: < 10%

Additional information: For the wording of the listed risk phrases refer to section 16

Section 4: First aid measures

Description of first aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Remove victim to fresh air under self-protection. Store in a cool, well-ventilated place. If breathing is difficult, inhale oxygen. In case of unconsciousness and existing breathing stable side position. Ensure medical attention.
- **After skin contact:** Remove contaminated clothing immediately. Wash immediately with soap and water and rinse thoroughly. Consult a doctor if skin irritation persists.
- **After eye contact:** Rinse opened eye for several minutes under running water and consult a physician.
- **After swallowing:** Rinse mouth, spit out fluid. Immediately - with conscious consciousness - drink plenty of liquid (water). Do not use alcohol. Do not induce vomiting. In case of spontaneous breakage, bring the head into a low position (danger of aspiration). Ensure medical attention.

Notes for doctor

- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** Symptomatic treatment (decontamination, vital functions), no specific antidote known.

Section 5: Firefighting measures

Extinguish media

- **Suitable extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- **Unsuitable extinguishing media:** High volume water jet

Special hazards arising from the substance or mixture: No further relevant information available

Advice for firefighters: special protective equipment: No special measures required.

Section 6: Accidental release measures

Personal precautions, protective equipment & emergency procedures: Method to be used: Not required

Environmental precautions: Dilute with plenty of water. Do not empty into drains/surface water/ground water

Methods and material for containment and cleaning up: Ensure adequate ventilation. With liquid-binding material (sand, diatomaceous earth, acid binder, universal binder, sawdust) record, tape. Transfer to appropriate containers for recovery or disposal.

Reference to other sections: See Section 7 for information on safe handling. See Section 8 for personal protective equipment. See Section 13 for disposal information.

Section 7 Handling and storage

Precautions for safe handling

- **Advice on safe handling:** No special measures required
- **Advice on protection against fire and explosion:** No special measures required.

Conditions for safe storage, including any incompatibilities

- **Requirements for storage areas and containers:** Keep only in the original container
- **Advice on common storage:** Not required

- **Further information about storage conditions:** Store in a well-closed container in a cool, dry place. Protect from heat and direct sunlight. Protect from frost.
- **Recommended storage temperature:** Store between 5 °C and 35 °C.
- **Storage class (TRGS 510):** 12 – Non-flammable liquids

Specific end use(s): No further relevant information available.

Section 8 Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

Controlled parameters

- **Components with workplace-related, monitored limits:**
 1. **Polyethylene glycol (CAS: 25322-68-3)**
EL (long-term value): 1000 E mg/m³ (ppm)
8(II), DFG, Y
 2. **Propan-2-ol (CAS: 67-63-0)**
EL (long-term value): 200 ml/m³ (ppm), 500 mg/m³ (ppm)
2(II), DFG, Y
- **Additional information:** The lists valid during the making were used as basis.

Limitation and monitoring of exposure

Personal protective equipment:

- **General protection and hygiene measures:**
The usual precautions for handling chemicals must be observed. Keep away from food, drink and animal feed. When using, do not eat, drink, smoke or take drugs. Wash hands before breaks. Preventive skin protection by skin ointment.
- **Respiratory protection:** Not required.
- **Hand protection:** Protective gloves.
The glove material must be impermeable and resistant to the product /the substance /the preparation taking into account breakthrough times, permeation rates and degradation for selection of the glove material.
Glove material: The choice of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer. Since the product is a preparation of several substances, the durability of glove material is not predictable and must therefore be checked before use. Choose chemical resistant gloves.
Gloves are recommended: Neoprene (≥ 0.72 mm thickness)
- **Penetration time of the glove material:** The exact breakthrough time must be observed and adhered to by the protective glove manufacturer.
- **Eye protection:** Safety glasses
- **Body protection:** Impervious clothing

Section 9 Physical and chemical properties

Information on basic physical and chemical properties

General information:

- **Form:** Liquid
- **Color:** Colorless / whitish
- **Odor:** Odorless
- **pH-value at 20°C:** 6,5 – 7,0

Change of state:

- **Boiling point:** 93°C
- **Melting point:** - 5°C
- **Steam pressure at 25°C:** 33,1 mmHg/6,02 kPa
- **Flash point:** Not specified
- **Self-igniting:** Not applicable
- **Explosive properties:** Not applicable.
- **Density at 20°C:** 1,020 g/cm³
- **Solubility in/ miscibility with water:** Miscible.

Section 10 Stability and reactivity

Chemical stability & reactivity:

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to the specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

Section 11 Toxicological information

Information on toxicological effects

Acute toxicity:

- **Classification-relevant LD/LC50-values:** No data.

Primary irritation

- **On the skin:** No data available
- **On the eye:** No data available
- **Sensitization:** No information.

Additional toxicological information:

The product is not subject to identification due to the calculation procedure of the General Classification Guidelines for Preparations of the EC as last amended. If used correctly and in accordance with the intended use, the product will cause the product to deteriorate. Our experience and the information available to us is not harmful to health effects.

Section 12 Ecological information

Toxicity to fish: Not available.

Persistence and degradability: Biodegradable.

Behavior in environmental compartments

- **Bio accumulative potential:** No data available.
- **Mobility in soil:** No further relevant information available.

Further ecological information

- **General notes:** Do not allow product to reach ground water, water course or sewage system.

Results of PBT and vPvB assessment

- **PBT:** Not applicable
- **vPvB:** Not applicable

Other adverse effects: No further relevant information available.

Section 13 Disposal considerations

Waste treatment methods

- **Recommendation:** Must not be disposed together with household garbage. Do not empty into drains. Must be submitted to a special treatment in compliance with official regulations.

Contaminated packaging

- **Recommendation:** Disposal must be made according to official regulations. Do not use the containers for other products.

Section 14 Transport information

UN-Number

- Not regulated as a dangerous good

Proper shipping name

- Not regulated as a dangerous good

Transport hazard class

- Not regulated as a dangerous good

Packing group

- Not regulated as a dangerous good

Environmental hazards

- Not regulated as a dangerous good

Special precautions for user

- Not classified as dangerous in the meaning of transport regulations

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

- Not regulated as a dangerous good

Transport/other information ADR

- **Limited quality (LQ):** not applicable
- **Transport category:** not applicable
- **Tunnel restriction code:** not applicable

Section 15 Regulatory information

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

Nation rules

Water contaminating class: It is necessary to ensure that plant protection products do not get into the fish environment. They are therefore to be stored in accordance with the safety requirements for substances of the water hazard class (WGK) 3 (this makes it unnecessary to classify plant protection/protection products in WGK and to label them accordingly).

Other regulations, restrictions and prohibition regulations: Avoid unnecessary contact with the product. Misuse can lead to health damage. To avoid risks to man and the environment, the user manual must be followed.

Chemical Safety Assessment: This information is not available

Section 16 Other information

The information provided in this Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Warranties of product properties do not constitute a contractual legal relationship

Relevant sentences

H225: Highly flammable liquid and vapor

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Department issuing the specifications: Division Development and Registration:

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