Guest Medical

SAFETY DATA SHEET

HAZ-TAB GRANULES

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

1.1. Product identifier

Product name Haz-Tab Granules Code: H8800

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

Disinfectant granules for blood and blood-stained body fluid spillages (Professional use only)

1.3. Details of the supplier of the safety data sheet

Supplier Guest Medical Limited
Unit A6, Larkfield Trading Estate, New Hythe Lane, Aylesford. Kent. ME20 6SW
T: +44(0) 1622 791895, (Hours 09:00- 17:00 Mon to Fri)
F: +44(0) 1622 716309
enquiries@guest-medical.co.uk

Emergency telephone number: +44(0) 1622 791895, (Hours 09:00- 17:00 Mon to Fri)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards
Not Classified

Health hazards

Eye Irrit. 2 - H319 STOT SE 3 - H335

Environmental hazards
Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

Classification (67/548/EEC or 1999/45/EC)
Xn;R22. Xi;R36/37. N;R50/53. R31.

2.2. Label elements

Pictogram


Signal word: Warning

Hazard statements

H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements

P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P337+P313 If eye irritation persists: Get medical advice/attention.
P391 Collect spillage.
P402+P404 Store in a dry place. Store in a closed container.
P501 Dispose of contents/container in accordance with local regulations.

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Supplemental label information

EUH031 Contact with acids liberates toxic gas.

RCH002b For professional users only.

Contains TROCLOSENE SODIUM

Supplementary precautionary statements

P264 Wash hands thoroughly after handling.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TROCLOSENE SODIUM	**30-60%**
CAS number: 2893-78-9 **EC number:** 220-767-7	
M factor (Acute) = 1 **M factor (Chronic) =** 1	
Classification	**Classification (67/548/EEC or 1999/45/EC)**
Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	E;R2 O;R8 Xn;R22 Xi;R36/37 R31 N;R50/53

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

Do not induce vomiting. Remove affected person from source of contamination. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Skin contact

Due to the small packaging the risk of skin contact is minimal. In the event of irritation: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact

Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Specific hazards
Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m3. Thermal decomposition or combustion products may include the following oxides of the following substances: Carbon, Nitrogen, very corrosive gases or vapours, Chlorine. Hydrogen chloride (HCl), Toxic gases or vapours: Decomposes above 250°C with release of chlorine and other toxic fumes.

5.3. Advice for firefighters

Protective actions during firefighting
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Contain and collect extinguishing water.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

6.2. Environmental precautions
Not considered to be a significant hazard due to the small quantities used. Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid generation and spreading of dust. Flush contaminated area with plenty of water. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not close drums containing wet or damp material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
Avoid spilling. Avoid contact with skin and eyes. Do not handle broken packages without protective equipment. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate ventilation. Container must be kept tightly closed when not in use. Protect against direct sunlight. Follow instructions and ensure correct dilution of this product before use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

Specific end use(s)

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SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Short-tern exposure limit (15-minute): WEL, (as Chlorine) 0.5 ppm 1.5mg/m3 fume

Long-tern exposure limit (8-hour TWA): WEL, 10 mg/m3 inhalable dust

Long-tern exposure limit (8-hour TWA): WEL, 4.0 mg/m3 respirable dust

WEL = Workplace Exposure Limits

DNEL Human exposure based on the active ingredient Troclosene sodium

Consumer – Dermal; Long term systemic effects: 1.15 mg/kg/day

Consumer – Inhalation; Long term systemic effects: 1.9 mg/m3

Consumer – Oral; Long term systemic effects: 1.15 mg/kg/day

8.2. Exposure controls

Protective equipment

Appropriate engineering controls

No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Avoid contact with the skin. Wear suitable coveralls to avoid exposure to the skin.

Hygiene measures

Warn cleaning personnel of any hazardous properties of the product. Do not eat, drink or smoke when using this product. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Remove contaminated clothing and wash the skin thoroughly with soap and water after work. Provide eyewash station. Persons susceptible to allergic reactions should not handle this product. Good personal hygiene procedures should be implemented.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Environmental exposure controls

Do not allow undiluted product to enter drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	- Granules
Colour	- White / off-white
Odour	- Characteristic, bleach
pH	- pH (diluted solution): 4-6 approx. 1
Solubility(ies)	- Soluble in water.
Oxidising properties	- Does not meet the criteria for classification as oxidising

9.2. Other information - not determined

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SECTION 10: Stability and reactivity

10.1. Reactivity

See section 10.3 (possibility of hazardous reactions) for further information.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Will not polymerise. The following materials may react with the product: Acids, Alkalis, Organic nitro compounds, Amines, Oxidising agents, Reducing agents, Moisture, Peroxides. Contact with acids liberates toxic gas. Under normal conditions of storage and use, no hazardous reactions will occur.

10.4. Conditions to avoid

Avoid the following conditions: Water, moisture, heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid

Flammable/combustible materials. Organic materials, oils, grease, sawdust, reducing agents, nitrogen-containing compounds, (NaDCC may generate nitrogen trichloride which is explosive).oxidizing substances, acids and alkalis, damp or slightly wet conditions.

10.6. Hazardous decomposition products

Heating may generate the following products: Carbon monoxide (CO), Oxides of Nitrogen, Hydrogen chloride (HCl), Isocyanates, Chlorine.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity – oral

ATE oral (mg/kg) 2,872.0

Inhalation: May cause respiratory system irritation.
Ingestion: May be harmful if swallowed.
Skin contact: Skin irritation should not occur when used as recommended.
Eye contact: Irritating to eyes.
Route of entry: Inhalation Ingestion. Skin and/or eye contact

SECTION 12: Ecological Information

Ecotoxicity

This product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Acute aquatic toxicity

LE(C)$_{50}$ - $0.1 < L(E)C_{50} \leq 1$

Acute toxicity – fish - LC_{50}, 96 hours: 0.37 – 0.47 mg/l, Fish

Acute toxicity – aquatic invertebrates - EC_{50}, 48 hours: < 1 mg NaDCC mg/l, Daphnia magna

12.2 Persistence and degradability: The product is expected to be biodegradable.

12.3 Bioaccumulative potential: No data available on bioaccumulation.

12.4 Mobility in soil: This product is soluble in water

12.5 Results of PBT and vPvB assessment: This product does not contain any substances classified as PBT or vPvB

12.6 Other adverse effects: Not determined

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID)

Road transport notes ADR/IMDG SPECIAL PROVISION 375

Air transport notes ICAO/IATA SPECIAL PROVISION A197

14.1 UN number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4. Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.15.2.

Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Revision date: 01. 04. 2015

Revision: 17

Supersedes date: 15. 02. 2015

SDS number: 10302

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Risk phrases in full

R2 Risk of explosion by shock, friction, fire or other sources of ignition.
R22 Harmful if swallowed.
R31 Contact with acids liberates toxic gas.
R36/37 Irritating to eyes and respiratory system.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R8 Contact with combustible material may cause fire.

Hazard statements in full

H272 May intensify fire; oxidiser.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.