



Guest Medical

SAFETY DATA SHEET

6.0g **CHLOR-CLEAN** Tablets

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

1.1. Product identifier

Product name 6.0g **CHLOR-CLEAN** Tablets Code H8950N

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

Identified uses Disinfection and cleaning, when correctly diluted with water.

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

1.4. National Emergency Telephone/web address:

Austria: 112; Belgium +32 070 245 245, www.centreantipoisons.be; Bulgaria +359 2 9154 409, www.pirogov.bg; Croatia +358 1 2348 342; Cyprus 112; Czech Republic +420 224919 293/ 224 915 402, www.tis-cz.cz; Denmark +45 82 12 12 12; Estonia 166662, +372 626 93 90; Finland 112, France +33 (0) 1 45 42 4959 INRS/ORFILA www.cntres-ntipoison.net; Germany 112; Greece 112; Italy 112; Lithuania +370 5 236 20 52/ 6875 33 78, www.tox.lt; Malta 112; Switzerland 145; United Kingdom 111;

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

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.

6.0g CHLOR-CLEAN tablets

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. P312 Call a POISON CENTER/doctor if you feel unwell.
 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.

Supplemental label information

EUH031 Contact with acids liberates toxic gas.
 RCH002b For professional users only.

Contains

Troclosene sodium, Sodium Toluene Sulphonate, Sodium N - Lauroylsarcosinate

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.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TROCLOSENE SODIUM 10 - 30% CAS number: 2893-78-9 EC number: 220-767-7 M factor (Acute) = 1 M factor (Chronic) = 1
Classification Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410
ADIPIC ACID 10-30% CAS number: 124-04-9 EC number: 204-673-3 Classification Eye Irrit. 2 - H319
SODIUM TOLUENE SULPHONATE 5-10% CAS number: 12068-03-0 EC number: 235-088-1 Classification Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335
SODIUM N - LAUROYLSARCOSINATE 1- 5% CAS number: 137-16-6 EC number: 205-281-5 Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Dam. 1 - H318

The Full Text for all Hazard Statements are displayed in Section 16

6.0g CHLOR-CLEAN tablets**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. No data available.

4.3 Indication of any immediate medical attention and special treatment needed. No data available.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Use foam, carbon dioxide, dry powder or water fog to extinguish..

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, 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. Avoid inhalation of dust and contact with skin and eyes. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions**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.

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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 freezing and 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.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

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

Long-term 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

ADIPIC ACID (CAS: 124-04-9)

DNEL Industry - Inhalation; Short term : 5 g/m³
 PNEC - Fresh water; Short term 0.126 mg/l
 - Marine water; Short term 0.0126 mg/l
 - Sediment; Short term 0.484 mg/l
 - Soil; Short term 0.0228 mg/l

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.

6.0g CHLOR-CLEAN tablets**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	- White flat tablet
Colour	- White/off white
Odour	- Characteristic, bleach.
pH	- pH (diluted solution): 4-6 approx. @ 1%
Flash point	- not applicable
Solubility(ies)	- Soluble in water.
Oxidising properties	- Does not meet the criteria for classification as oxidising.

9.2. Other information - Not determined**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.

6.0g CHLOR-CLEAN tablets**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) 5,067.04304869

Acute toxicity - dermal

ATE dermal (mg/kg) 28409.09090909

Acute toxicity – inhalation

ATE inhalation (dusts/mists mg/l) 3.08641975

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)C₅₀ ≤ 1

Acute toxicity – fish - LC₅₀, 96 hours: 0.37 – 0.47 mg/l, Fish

Acute toxicity – aquatic invertebrates - EC₅₀, 48 hours: < 1 mg NaDCC mg/l, Daphnia magna

12.2. Persistence and degradability: No data available.

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

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.

6.0g CHLOR-CLEAN tablets**SECTION 14: Transport information**

General	For limited quantity packaging / limited load information, consult the relevant modal documentation using the data shown in this section.
Road transport notes	Refer to the Dangerous Goods List for information on any Special Provisions SP 135. Refer to the Dangerous Goods List for information on any Special Provisions SP 375.
Sea transport notes Provision	Refer to the Dangerous Goods List for information on any Special Provisions General 2.10.2.7.
Air transport notes	Refer to the Dangerous Goods List for information on any Special Provisions A 28. Refer to the Dangerous Goods List for information on any Special Provisions A 197

14.1. UN Number

UN no. (ADR/RID)	3077
UN no. (IMDG)	3077
UN no. (ICAO)	3077
UN no. (ADN)	3077

14.2. UN proper shipping name

Proper shipping name (ADR/RID)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper shipping name (IMDG)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper shipping name (ICAO)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
Proper shipping name (ADN)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

14.3 Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M7

ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels:**14.4. Packing group**

ADR/RID packing group	III
IMDG packing group	III
ADN packing group	III
ICAO packing group	III

14.5 Environmental hazards

Environmentally hazardous substance / marine pollutant.

**14.6 Special precautions for user**

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	2Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

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

6.0g CHLOR-CLEAN tablets**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations:** DETERGENT REGULATIONS

The 6g Chlor-Clean tablet contains amongst other ingredients:

Less than 5%: Anionic surfactant, phosphate: 15% or over but less than 30%: chlorine based bleaching agents. Ingredient datasheet as stipulated in Annex VII C Regulations(EC) No 648/2004 on detergent is available from the contact given in section 1 to any medical personnel upon request.

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).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Commission Regulation (EU) No. 453/2010 of 20 May 2010.

Guidance

Workplace Exposure Limits EH40.

Approved Classification and Labelling Guide (Sixth edition) L131.

Guidance on the compilation of safety data sheets. Version 3, August 2015.

15.1. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**General information**

Revision date	18.01.2017
Revision	10
Supersedes date	15.10.2016
SDS number	10488

Hazard statements in full

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.