

Guest Medical

SAFETY DATA SHEET 3.25g CHLOR-CLEAN Tablets

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

1.1. Product identifier

Product name 3.25g (1.7g NaDCC) CHLOR-CLEAN Tablets H8950/J

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

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

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.

Precautionary statements

P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear eye protection.
P280 Wear protective clothing and gloves.
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.

Contains

TROCLOSENE SODIUM

Supplementary precautionary statements

P261 Avoid breathing dust.

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.

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

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	
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-4-SULPHONATE	1-5%
CAS number: 657-84-1	EC number: 211-522-5
Classification	
Eye Irrit. 2	H319
SECONDARY ALKANE SULPHONATE, SODIUM SALT (93%)	1-5%
CAS number: 97489-15-1	EC number: 307-055-2
Classification	
Acute Tox.4	H302
Skin Irrit. 2	H315
Eye Dam.1	H318
Aquatic Chronic 3	H412

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.

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Skin contact

Wash skin thoroughly with soap and water. Get medical attention promptly if symptoms occur 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

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 substances: Oxides of the following substances: Carbon. Nitrogen. Chlorine. Hydrogen chloride (HCl). Toxic gases or vapours.

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. 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

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.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Do not handle broken packages without protective equipment. Keep away from heat, sparks and open flame. 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. Do not eat, drink or smoke when using the product. Protect against freezing and direct sunlight. Read label before use. Wear appropriate clothing to prevent repeated or prolonged skin contact. Avoid breathing dust.

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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 1.5 mg/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 Limit

DNEL

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

Consumer - Inhalation; Long term systemic effects: 1.99 mg/m³

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

ADIPIC ACID (CAS: 124-04-9)

DNEL

Industry - Inhalation; Short term : 5g/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.

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 skin. Wear suitable coveralls to prevent 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

Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

3.25g CHLOR-CLEAN Tablets**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	Tablet
Colour	White/off-white.
Odour	Characteristic. Chlorine.
pH	pH (diluted solution): 5-6.5 @ 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 and when used as recommended.

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. Avoid 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. Moisture. Avoid contact with acids and alkalis. Avoid contact with strong oxidising agents. Avoid contact with strong reducing agents. Hydrocarbons. Inorganic nitrates. Inorganic nitrites. Organic compounds.

10.6. Hazardous decomposition products

Heating may generate the following: 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) 2,322.22

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.**

The 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 toxicity – fish LC₅₀, 96 hours: 0.24 mg/l, Oncorhynchus mykiss (Rainbow trout)

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

12.2. Persistence and degradability

There is no data on the degradability of this product.

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12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility

The 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.

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.
Sea transport notes	Refer to the Dangerous Goods List for information on any Special Provisions General Provision 2.10.2.7.
Air transport notes	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

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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	(-)

14.7 Transport in bulk according to Annex II of MARPOL 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).

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.

Commission Regulation (EU) No. 2015/830 of 28 May 2015.

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.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information

Revision date	27.01.2020
Revision	5
Supersedes date	07.01.2019
SDS number	20522

Hazard statements in full

H272 May intensify fire; oxidiser.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

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.

H412 Harmful to aquatic life with long lasting effects.

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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.