

SAFETY DATA SHEET

STEAMROOM DISINFECTANT

Date:19/04/21, Revision:2

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

1.1 PRODUCT IDENTIFIER: STEAMROOM DISINFECTANT

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

RELEVANT IDENTIFIED USES: Disinfecting Solution

USES ADVISED AGAINST: No additional information available.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

SUPPLIER: Dalesauna Ltd
Jubilee Court, Copgrove
North Yorkshire, HG3 3TB

TELEPHONE: +44(0)1423 798630

E-MAIL: sales@dalesauna.co.uk

1.4 EMERGENCY TELEPHONE NUMBER

EMERGENCY TELEPHONE: +44(0)1423 798630

2. HAZARDS IDENTIFICATION:

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION (1999/45 (CHIP)): C: R34, Xi: R41, R43, N: R50

CLASSIFICATION (EC 1272/2008 (CLP)):

Physical : Not classified
Health: Skin Corr. 1B – H314, Eye Dam. 1 - H318,
Skin Sens. 1 – H317
Environmental: Aquatic Acute 1 - H400

2.2 LABEL ELEMENTS

LABEL IN ACCORDANCE WITH (EC 1272/2008 (CLP)):



SIGNAL WORD: Danger

HAZARD STATEMENTS: H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.

PRECAUTIONARY STATEMENTS: P102 Keep out of reach of children.
P303/361/353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305/351/338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P273 Avoid release to the environment.
P501 Dispose of contents/container as hazardous waste

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SUPPLEMENTARY PRECAUTIONARY STATEMENTS:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301/330/331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 Immediately call a POISON CENTER or doctor/physician.
P333/313 If skin irritation or rash occurs: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.
P391 Collect spillage.
P405 Store locked up.

2.3 OTHER HAZARDS

No additional information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

3.1 SUBSTANCES

Not applicable.

3.2 MIXTURES

INGREDIENT NAME:	EINECS	CAS No.	CONTENT
QUATERNARY AMMONIUM COMPOUNDS, BENZYL-C8-C18-ALKYLDIMETHYL, CHLORIDES	264-151-6	63449-41-2	1-5 %
Classification (EC 1272/2008 (CLP))	Classification (67/548 (CHIP))		
Met. Cor. 1 – H290, Skin Cor. 1B – H314, Acute Tox. 4 – H302, Acute Tox. 4 – H312, Aquatic Acute 1 – H400	C:R34, Xn: R21/22, N: R50		

INGREDIENT NAME:	EINECS	CAS No.	CONTENT
(L) COUMARIN	202-086-7	91-64-5	< 0.2%
Classification (EC 1272/2008 (CLP))	Classification (67/548 (CHIP))		
Acute Tox. 4 – H302, Skin Sens. 1 – H317	Xn: R22, Xi: R43		

The full text for all R-phrases and H-statements are shown in section 16

COMPOSITION COMMENTS:

Aqueous solution of biocide.

4. FIRST AID MEASURES:

4.1 DESCRIPTION OF FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get medical attention.

INGESTION: DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Drink plenty of water. Get medical attention immediately!

SKIN: Remove contaminated clothing. Rinse with water. Get prompt medical attention. Contact physician if discomfort continues.

EYES: Immediately rinse with water. Continue to rinse for at least 15 minutes. Get medical attention immediately!

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

INHALATION: No effects expected.

INGESTION: Liquid may irritate mucous membranes and may cause abdominal pain if swallowed. Causes burns.

SKIN: Prolonged or repeated exposure may cause irritation. May cause an allergic skin reaction. Causes burns.

EYES: Irritating to eyes. May cause permanent damage.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Refer to section 4.1

5. FIREFIGHTING MEASURES:

5.1 EXTINGUISHING MEDIA

Carbon dioxide (CO₂). Foam. Dry chemicals, sand, dolomite etc., water.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

May emit toxic fumes if burnt.

5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus. Keep run-off water out of sewers and water sources.

6. ACCIDENTAL RELEASE MEASURES:

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

6.1.1 FOR NON-EMERGENCY PERSONNEL

Wear suitable gloves and eye/face protection.

6.1.2 FOR EMERGENCY RESPONDERS

Wear suitable gloves and eye/face protection.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not allow to enter the surface water drain, sewers, or ground

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Wear necessary protective equipment. Absorb in vermiculite, dry sand or earth. Place into containers. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4 REFERENCE TO OTHER SECTIONS

See section 8 for further information on personal protective equipment. See section 13 for disposal.

7. HANDLING AND STORAGE:

7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid spilling, skin and eye contact.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep in cool, dry, ventilated storage and closed containers. General chemical storage.

7.3 SPECIFIC END USE(S)

Disinfecting Solution.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

8.1 CONTROL PARAMETERS

INGREDIENT NAME:	CAS No.:	STD:	LT EXP. 8 HRS:	ST EXP. 15 MIN:
-	-	-	-	-

INGREDIENT COMMENTS:

-

8.2 EXPOSURE CONTROLS

8.2.1 Appropriate engineering controls

VENTILATION: Provide sufficient ventilation during operations which cause vapour formation.

PROTECTIVE EQUIPMENT:



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8.2.2 Individual protection measures, such as personal protective equipment

PROCESS CONDITIONS:

Provide eyewash station. Protect against static discharge.

RESPIRATORS: No specific recommendation made.

PROTECTIVE GLOVES:

Chemical resistant gloves required for prolonged or repeated contact.

EYE PROTECTION:

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENIC WORK PRACTICES:

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated.

8.2.3 Environmental exposure controls

No additional information available.

9. PHYSICAL AND CHEMICAL PROPERTIES:

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid.
COLOUR:	Colourless / Pale yellow
ODOUR/TASTE:	Mild / Aromatic
SOLUBILITY DESCRIPTION:	Miscible with water.
BOILING POINT (°C, interval):	100 PRESSURE:
MELT./FREEZ. POINT (°C, interval):	<0
DENSITY/SPECIFIC GRAVITY (g/ml):	Approx 1.0 TEMPERATURE (°C): 20
VAPOUR PRESSURE:	2.3 kPa TEMPERATURE (°C): 20
pH-VALUE, CONC. SOLUTION:	Approx 6 - 8
FLASH POINT (°C):	N/A METHOD:
AUTO IGNITION TEMP. (°C):	N/A
FLAMMABILITY LIMIT - LOWER(%):	N/A
FLAMMABILITY LIMIT - UPPER(%):	N/A

9.2 OTHER INFORMATION

No additional information available.

10. STABILITY AND REACTIVITY:

10.1 REACTIVITY

No dangerous reactions known

10.2 CHEMICAL STABILITY

Normally stable.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

Refer to section 10.1 on reactivity.

10.4 CONDITIONS TO AVOID

Non known

10.5 INCOMPATIBLE MATERIALS

Strong acids. Strong oxidising agents.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Non known

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11. TOXICOLOGICAL INFORMATION:

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

HEALTH HAZARDS, GENERAL: This product has low toxicity. Only large volumes may have adverse impact on human health.

INHALATION: No effects expected.

INGESTION: Liquid may irritate mucous membranes and may cause abdominal pain if swallowed. Causes burns.

SKIN: Prolonged or repeated exposure may cause irritation. May cause an allergic skin reaction. Causes burns.

EYES: Irritating to eyes. May cause permanent damage.

12. ECOLOGICAL INFORMATION:

12.1 TOXICITY

Do not allow to enter soil, waterways or sewer. This product contains materials that are classified as dangerous for the environment.

12.2 PERSISTENCE AND DEGRADABILITY

The product is expected to be readily biodegradable.

12.3 BIOACCUMULATIVE POTENTIAL

The product is not expected to bioaccumulate

12.4 MOBILITY IN SOIL

Soluble in water.

12.5 RESULTS OF PBT AND vPvB ASSESSMENT

No additional information available.

12.6 OTHER ADVERSE EFFECTS

No other effects known

13. DISPOSAL CONSIDERATIONS:

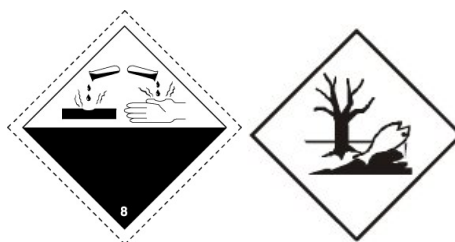
13.1 WASTE TREATMENT METHODS

Dispose of in accordance with Local Authority requirements. Use a licensed Waste contractor.

14. TRANSPORT INFORMATION:

14.1 – 14.7

LABEL FOR CONVEYANCE:



ROAD TRANSPORT:

UN No. ROAD:

1760

ADR CLASS No.:

Class 8: Corrosive.

ADR PACK GR.

III, Class. Code C9

TUNNEL RESTRICTION CODE:

(E)

PROPER SHIPPING NAME:

Corrosive Liquid, N.O.S. (Contains Quaternary Ammonium Compounds, Benzyl-C8-C18-Alkyldimethyl, Chlorides)

SEA TRANSPORT:

UN No. SEA:

1760

IMDG CLASS:

8

IMDG PACK GR.:

III

EmS No.:

F-A, S-B

MARINE POLLUTANT:

Yes.

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AIR TRANSPORT:

UN No., AIR: 1760
ICAO CLASS: 8
AIR SUB CLASS: None
AIR PACK GR.: III

15. REGULATORY INFORMATION:

15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations. Chemicals (Hazard Information & Packaging) Regulations (CHIP). European Regulation (EC) No 1907/2006 Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). European Regulation (EC) No 1272/2008 on Classification, Labelling and Packaging of Substances and Mixtures (CLP), adopting in the EU the Globally Harmonised System (GHS).

GUIDANCE NOTES: Occupational Exposure Limits EH40.

15.2 CHEMICAL SAFETY ASSESSMENT

Not required.

16. OTHER INFORMATION:

REVISION DATE: 01/03/13
REV. No./REPL. SDS GENERATED: 1
SDS No.: 085

R-PHRASES (Full Text)

- R-22 Harmful if swallowed.
- R-21/22 Harmful in contact with skin and if swallowed.
- R-34 Causes burns.
- R-41 Risk of serious damage to eyes.
- R-43 May cause sensitisation by skin contact.
- R-50 Very toxic to aquatic organisms.

H-STATEMENTS (Full Text)

- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H-400 Very toxic to aquatic life.

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 as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy themselves as to the suitability of such information for their own particular use.