

1 Identification of the preparation and the supplying Company

- 1.1 Hospital Disinfectant
- 1.2 A general purpose liquid disinfectant for dilution with water and application to surfaces
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Killgerm Chemicals Ltd, 01924 268452 (Office hours)

2 Hazards identification**2.1. Classification of the substance or mixture**

According to Regulation (EC) 1272/2008



Skin Irrit. 2 H315- Causes skin irritation
Eye Irrit. 2 H319- Causes serious eye irritation, Category 1 Skin Sensitizer
H317: May cause an allergic skin reaction



Flammability Category 3 H226: Flammable liquid and vapour

2.2. Label elements

Signal Word :WARNING

P261: Avoid breathing 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
P302+352: IF ON SKIN: Wash with soap and water
P333+313: If skin irritation or a rash occurs: Get medical advice/attention
P362: Take off contaminated clothing and wash before reuse
P501: Dispose of contents/container to ... [*... in accordance with local/regional/national/international regulation (to be specified)*]

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P337+313: If eye irritation persists get medical advice/attention

P264: Wash ... thoroughly after handling
P332+313: If skin irritation occurs: Get medical advice/attention
P362+364: Take off contaminated clothing and wash it before reuse

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P242: Use only non-sparking tools
P370+378: In case of fire: Use dry chemical or foam fire extinguishers for extinction
P403+235: Store in a well ventilated place. Keep cool

2.3. Other hazard

3 Composition and information on ingredients

3.2. Mixtures

Hazardous Components in Product

Ingredient Name	Classification	Concentration	R Phrases	H Phrases
Chlorocresol CAS No: 59-50-7	Acute Tox. 4, Acute Tox. 4, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1	<5%w/v	R21/22 R41 R43 R50	H302, H312, H318, H317, H400
Terpineol/Terpenes CAS No: 8000-41-7	Skin Corrosion / Irritation Category 2 Eye Damage / Irritation Category 2	<5%w/v	R38	H315, H319
IMS (ethanol) CAS No:64-17-5	Flam. Liq. 2	<5%w/v	R20/21/22 R68 R11	H225
Vegetable oil soap CAS No:68187-76-8	Eye Irrit. 2 Skin Irrit. 2	10%w/w	R36/38	H319 , H315
Dipentene CAS No:138-86-3	Aquatic Chronic 2 Flam. Liq. 3 Skin Irrit. 2 Skin Sens. 1	<1%w/w	R10 R38 R43 R51/53 R65	H411,H226, H315 H317

See section 16 for full text of R-phrases, H phrases and hazard classification of ingredients.

4 First Aid measures

4.1. Description of first aid measures

Ingestion (swallowing): Wash out mouth with water. Give a little water to drink and seek medical advice.

Inhalation: Remove to fresh air

Skin contact: Wash off skin splashes with water

Eye contact: Rinse eyes with water for 10 minutes and seek medical advice if any irritation.

4.2. Most important symptoms and effects, both acute and delayed:

4.3. Indication of any immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1. Extinguishing media: Use dry chemical or foam fire extinguishers.

5.2. Special hazards arising from the substance or mixture: Toxic fumes will be evolved in a fire.

5.3. Advice for fire-fighters: Self-contained breathing apparatus should be worn by fire fighters.

6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Wear appropriate PPE.

6.2. Environmental precautions:

6.3. Methods and material for containment and cleaning up: Surround/absorb with sand, earth or proprietary product. Shovel into marked container and dispose of via a waste disposal contractor or contact supplier for advice.

6.4. Reference to other sections:

7 Handling and storage

7.1. Precautions for safe handling Keep out of the reach of children.

Avoid contact with skin and eyes.

Avoid release to the environment.

Wash eye splashes with clean water.

Do not use in kitchens or on surfaces used for food preparation.

Where prolonged skin contact with product in unavoidable wear synthetic rubber/PVC gloves.

7.2. Conditions for safe storage, including any incompatibilities: Store upright in a safe place avoiding temperature extremes. Transport away from foodstuffs. Keep out of the reach of children.

7.3. Specific end use(s)

8 Exposure controls and personal protection

8.1. Control parameters

8.2. Exposure controls

Where exposure may occur engineering controls should be employed. A risk assessment should be carried out and the following PPE may be appropriate /required

PPE	ITEM IN USE	SPILLAGE
Gloves	If required unlined synthetic rubber/PVC	Unlined synthetic rubber/PVC
Overall		Type 5/6 Coverall
Goggles/ Faceshield	If required to EN166	Face shield to EN166

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9 Physical and chemical properties

9.1. General information

Appearance: Amber coloured liquid.

Odour: Antiseptic type.

Flash point: 51°C

pH: 9 – 11

Density: 1.007

Flammability: It does not support combustion at ambient temperature.

Boiling point/boiling range: no available data

Vapour density: no available data

Vapour pressure: no available data

Melting point/freezing point: no available data

Solubility in water: Soluble in water to form white emulsion.

Solubility in other solvents: no available data

Explosive properties: not explosive

Combustibility: not combustible

Oxidising properties: not an oxidising agent

Evaporation rate: no available data

Partition coefficient: no available data

Decomposition temp: no available data

Auto-ignition temp: no available data

10 Stability and reactivity

10.1. Reactivity: not reactive

10.2. Chemical stability: Preparation is chemically stable

10.3. Possibility of hazardous reactions:

10.4. Conditions to avoid: Extreme temperatures

10.5. Incompatible materials:

10.6. Hazardous decomposition products: Toxic fumes evolved in a fire

11 Toxicological information

11.1 Information on toxicological effects

Acute Toxicity of ingredients

chlorocresol

Rat 1830 mg/kg oral

>2.871 mg/l 4 hour inhalation

Rat >2000 mg/kg dermal

(a) acute toxicity; is derived from the ingredients

(b) irritation; is derived from the ingredients

(c) corrosivity; no available data

(d) sensitisation; no available data

(e) repeated dose toxicity; no available data

(f) carcinogenicity; no available data

(g) mutagenicity; no available data

(h) toxicity for reproduction; no available data

11.2 Other data: see section 2.3

12 Ecological information

12.1. Toxicity: not classified as ecologically toxic

12.2. Persistence and degradability: no available data

12.3. Bioaccumulative potential: no available data

12.4. Mobility in soil: no available data

12.5. Results of PBT and vPvB assessment: no available data

12.6. Other adverse effects:

13 Disposal considerations

13.1. Waste treatment methods

Empty containers 5L plastic: Empty completely and rinse out with water. Dispose of as below.

Nonhazardous waste. EWC code 15 01 02.

Unused/recovered materials: Consolidate and dispose of as "controlled" waste. Hazardous classified waste. EWC code 20 01 29.

Contaminated PPE, wipes: Contact local authority or supplier for advice. Depending on level of contamination. Hazardous/Non-hazardous. EWC code 15 02 02 or 15 02 03.

14 Transport information

14.1. UN number: UN1993.

14.2. UN proper shipping name: FLAMMABLE LIQUIDS N.O.S. (ETHANOL MIXTURE)

14.3. Transport hazard class(es) : class 3

14.4. Packing group: III

14.5. Environmental hazards: Not classified.

14.6. Special precautions for user: NONE

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not classified.

15 Regulatory information

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

Classification & Labelling according to Regulation (EC) No 1272/2008

Control of Substances Hazardous to Health Regulations 2002 (as amended).

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).

15.2. Chemical safety assessment: Advice on product handling can be found in sections 7 and 8.

16 Other information

This data sheet does not constitute a COSHH assessment.

The information contained within this data sheet is strictly for general guidance only and should not be relied upon over and above this. This data sheet is intended to provide general health and safety guidance on the handling, storage and transportation of the preparation. The information provided in this data sheet is accurate at the date of publication and will be updated as and when appropriate. No liability will be accepted by Killgerm Chemicals Limited for any loss, injury or damage arising from any failure to comply with the information and advice contained within this data sheet and/or failure to comply with the manufacturer's guidelines, product label data and any associated technical usage literature.

R10 Flammable
R38 Irritating to skin
R43 May cause sensitisation by skin contact
R51 Toxic to aquatic organisms
R53 May cause long-term adverse effects in the aquatic environment
R65 Harmful: may cause lung damage if swallowed
R20 Harmful by inhalation
R21 Harmful in contact with skin
R22 Harmful if swallowed
R68 Possible risk of irreversible effects
R11 Highly flammable
R41 Risk of serious damage to eyes
R36 Irritating to eyes
R38 Irritating to skin

H302: Harmful if swallowed
H312: Harmful in contact with skin
H318: Causes serious eye damage
H317: May cause an allergic skin reaction
H400: Very toxic to aquatic life
H225: Highly flammable liquid and vapour
H319: Causes serious eye irritation
H315: Causes skin irritation
H411: Toxic to aquatic life with long lasting effects
H226: Flammable liquid and vapour
