Spearhead - CLEANER DISINFECTANT CONCENTRATE

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

1.1. Product identifier

Product name: Spearhead - CLEANER DISINFECTANT CONCENTRATE
Product number: A125 S
Internal identification: For Code PLAT125

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

Identified uses: Quaternary Ammonium based Liquid Disinfectant.

1.3. Details of the supplier of the safety data sheet

Supplier: Spearhead
Mill House
New Mill Road
Kilmarnock
Ayrshire
KA1 3JG
Tel: 01563 542 542
Fax: 01563 529 944
E-mail: sales@spearheadhealthcare.com

1.4. Emergency telephone number

Emergency telephone: Spearhead - 01563 542 542 - Mon to Fri - 8.00am to 5.00pm

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards: Not Classified
Health hazards:
- Skin Irrit. 2 - H315
- Eye Dam. 1 - H318
Environmental hazards: Not Classified

Classification (67/548/EEC or 1999/45/EC)
Xi;R36/38.

2.2. Label elements

Pictogram

Signal word: Danger

Hazard statements:
- H315 Causes skin irritation.
- H318 Causes serious eye damage.

Precautionary statements
Spearhead - CLEANER DISINFECTANT CONCENTRATE

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301 IF SWALLOWED:
P313 Get medical advice/attention.
P302+P352 IF ON SKIN: Wash with plenty of water.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P315 Get immediate medical advice/attention.
P501 Dispose of contents/container in accordance with local regulations.

Contains

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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<td>C12-15 ALCOHOL ETHOXYLATE (7EO)</td>
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<td>Xn;R21/22. C;R34. N;R50.</td>
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<tr>
<td>ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE</td>
<td>3-5%</td>
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</tr>
</tbody>
</table>

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

Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

Ingestion

Do not induce vomiting. Give plenty of water to drink. Get medical attention.

Skin contact

Wash with plenty of water. Get medical attention if irritation persists after washing.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed
Spearhead - CLEANER DISINFECTANT CONCENTRATE

General information
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation
Irritation of nose, throat and airway.

Ingestion
May cause discomfort if swallowed.

Skin contact
Skin irritation. Prolonged skin contact may cause redness and irritation.

Eye contact
Severe irritation, burning and tearing. Prolonged contact causes serious eye and tissue damage.

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

Notes for the doctor
Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards
Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.

5.3. Advice for firefighters

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, gloves, eye and face protection. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions
Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections
For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
Wear protective clothing, gloves, eye and face protection.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Spearhead - CLEANER DISINFECTANT CONCENTRATE

Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: Oxidising materials.

7.3. Specific end use(s)

Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

Usage description
See Product Information Sheet & Label for detailed use of this product.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Ingredient comments
No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Not relevant.

Eye/face protection
Wear eye protection.

Hand protection
Wear protective gloves. (Household rubber gloves.)

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact.

Respiratory protection
Respiratory protection not required.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Liquid.

Colour
Clear. Blue.

Odour
Floral.

pH
pH (concentrated solution): 12.00

Melting point
-1°C

Initial boiling point and range
101°C @ 760 mm Hg

Flash point
Boils without flashing.

Relative density
1.017 @ 20°C

Solubility(ies)
Spearhead - CLEANER DISINFECTANT CONCENTRATE

Soluble in water.

9.2. Other information

Other information
None.

SECTION 10: Stability and reactivity

10.1. Reactivity
There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability
No particular stability concerns.

10.3. Possibility of hazardous reactions
See sections 10.1, 10.4 & 10.5

10.4. Conditions to avoid
There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects
We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Other health effects
Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

Acute toxicity - oral

Notes (oral LD50)
Based on available data the classification criteria are not met.

ATE oral (mg/kg)
5,553.70442229

Acute toxicity - dermal

Notes (dermal LD50)
Based on available data the classification criteria are not met.

ATE dermal (mg/kg)
29333.3626667

SECTION 12: Ecological Information

Ecotoxicity
Not regarded as dangerous for the environment.

12.1. Toxicity
We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2. Persistence and degradability
Spearhead - CLEANER DISINFECTANT CONCENTRATE

12.2. Persistence and degradability
The surfactant(s) contained in this product complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3. Bioaccumulative potential
The product does not contain any substances expected to be bioaccumulating.

12.4. Mobility in soil
Mobility
Not known.

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 known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Disposal methods
Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

General
Not classified for Transport.

14.1. UN number
UN No. (ICAO)

14.2. UN proper shipping name

14.3. Transport hazard class(es)
ADR/RID label
ICAO class/division
ICAO subsidiary risk

14.4. Packing group
ADR/RID packing group
ICAO packing group

14.5. Environmental hazards

14.6. Special precautions for user
EmS
Emergency Action Code
Hazard Identification Number (ADR/RID)

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
EU legislation
Spearhead - CLEANER DISINFECTANT CONCENTRATE


Guidance
Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

SECTION 16: Other Information

Key literature references and sources for data
Material Safety Data Sheet, Misc. manufacturers. CLP Class - Table 3.1 List of harmonised classification and labeling of hazardous substances. CHIP Class - Table 3.2 The list of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC. ECHA - C&L Inventory database.

Revision comments
New formulation. & This product is now using classification from GHS/CLP - Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

Revision date 27/03/2015
Revision Issue 2
SDS status The Risk Phrases / Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this Product see Section 2.

Risk phrases in full
R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R21/22 Harmful in contact with skin and if swallowed.
R22 Harmful if swallowed.
R34 Causes burns.
R36/38 Irritating to eyes and skin.
R37 Irritating to respiratory system.
R41 Risk of serious damage to eyes.
R50 Very toxic to aquatic organisms.

Hazard statements in full
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.