
SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier**

- Product Name: SAFE4 HAND WASH
- Product Part Number: HSP-5L/500ML

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

- Use of the substance/mixture:

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Safe Solutions (Safe4) Ltd.
- Address of Supplier: Safe Solutions (Safe4) Ltd
Bostock Road
Winsford
Cheshire
CW7 3BD
- Telephone: +44 (0) 1606 591 900
- Email: Info@safe4disinfectant.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1606 591 900

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture**

- CLP: Eye Irrit. 2

2.2 Label elements**GHS07**

- Signal Word: Warning

Hazard statements

H319 - Causes serious eye irritation.

Precautionary statements

P102 - Keep out of reach of children.
P235+P410 - Keep cool. Protect from sunlight.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

SECTION 2: Hazards identification (....)**2.3 Other hazards**

- Not applicable
-

SECTION 3: Composition/information on ingredients**3.2 Mixtures****ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS**

| | |
|--------------------------------|--|
| CAS Number: | 68891-38-3 |
| EC Number: | 500-234-8 |
| Concentration: | <2.5% |
| Specific Concentration Limits: | Not applicable |
| M factor: | Not applicable |
| Acute toxicity estimate: | Not available |
| Categories: | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3 |
| REACH Registration Number: | 01-2119488639-16-XXXX |
| Symbols: | GHS05 |
| H Statements: | H315, H318, H412 |

GLYCERINE

| | |
|--------------------------------|----------------|
| CAS Number: | 56-81-5 |
| EC Number: | 200-289-5 |
| Concentration: | < 0.1% |
| Specific Concentration Limits: | Not applicable |
| M factor: | Not applicable |
| Acute toxicity estimate: | Not available |
| Categories: | Not applicable |

(L) LACTIC ACID

| | |
|--------------------------------|---------------------------|
| CAS Number: | 79-33-4 |
| EC Number: | 201-196-2 |
| Concentration: | <0.5% |
| Specific Concentration Limits: | Not applicable |
| M factor: | Not applicable |
| Acute toxicity estimate: | Not available |
| Categories: | Skin Corr. 1C, Eye Dam. 1 |
| REACH Registration Number: | 01-2119474164-39-XXXX |
| H Statements: | H314, H318 |

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Rinse mouth.
- If substance has got into eyes, immediately wash out with plenty of water
- Treat symptomatically
- If eye irritation persists: Get medical advice/attention.

SECTION 4: First aid measures (....)

4.2 Most important symptoms and effects, both acute and delayed

- Not applicable

4.3 Indication of any immediate medical attention and special treatment needed

- Not applicable
-

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions

5.2 Special hazards arising from the substance or mixture

- No hazard expected under normal conditions of use

5.3 Advice for firefighters

- No special precautions are required for this product
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Not applicable

6.2 Environmental precautions

- Not applicable

6.3 Methods and material for containment and cleaning up

- No special precautions are required for this product

6.4 Reference to other sections

- See Section 8, 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Do not handle until all safety precautions have been read and understood.
- Do not eat, drink or smoke when using this product.
- Avoid contact with eyes

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep container tightly closed.
- Keep cool.
- Store at ambient temperature
- Avoid contact with acid
- Keep away from oxidising substances

7.3 Specific end use(s)

- See Section 1.2
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

SECTION 8: Exposure controls/personal protection (....)

- No information available

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

- DNEL (Industry; dermal, long term systemic effects): 2750 mg/kg/day
- DNEL (Industry; inhalational, long term systemic effects): 175 mg/m³
- DNEL (Consumer; dermal, long term systemic effects): 1650 mg/kg/day
- DNEL (Consumer; oral, long term systemic effects): 15 mg/kg/day
- DNEL (Consumer; inhalational, long term systemic effects): 52 mg/m³

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS

- DNEL (Industry; dermal, long term systemic effects): 12.5 mg/kg/day
- DNEL (Industry; inhalational, long term systemic effects): 44 mg/m³
- DNEL (Consumer; dermal, long term systemic effects): 7.5 mg/kg/day
- DNEL (Consumer; inhalational, long term systemic effects): 13.04 mg/m³
- DNEL (Consumer; oral, long term systemic effects): 7.5 mg/m³

GLYCERINE

- DNEL (Industry; inhalational, long term local effects): 56 mg/m³
- DNEL (Consumer; inhalational, long term local effects): 33 mg/m³
- DNEL (Consumer; oral, long term systemic effects): 229 mg/kg/day

8.2 Exposure controls

- See Section 2
-

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Liquid
- Colour: Opaque
- Odour: Mint
- Melting point/Range: Not applicable
- Boiling Point/Range: >100 °C
- Flammability: Not flammable
- pH: 2 - 4
- Solubility in water: Not available
- Density: Not available
- Flashpoint: >93°C

9.2 Other information

SECTION 10: Stability and reactivity**10.1 Reactivity**

- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose
-

SECTION 10: Stability and reactivity (....)**10.4 Conditions to avoid**

- Extremes of temperature

10.5 Incompatible materials

- Not applicable

10.6 Hazardous decomposition products

- None
-

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity**

Not applicable

Estimated LD₅₀ (oral) (ATE) : >2000 mg/kg

Estimated LD₅₀ (dermal) (ATE) : >4000 mg/kg

Estimated LD₅₀ (inhalational) (ATE) : >20 mg/l/4hr (gas/vapour)

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

LD₅₀ (oral, rat): 4,100 mg/kg

LD₅₀ (skin, rat): 4,100 mg/kg

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS

LD₅₀ (oral, rat): 2,335.0 mg/kg

GLYCERINE

LD₅₀ (oral, rat): 27,200 mg/kg

LC₅₀ (inhalation, rat): >2.75 dust/mist mg/l

(L) LACTIC ACID

LD₅₀ (oral, rat): 3,543 mg/kg

LD₅₀ (skin, rat): >2000 mg/kg

Skin corrosion/irritation

Not applicable

Serious eye damage/irritation

Not applicable

Respiratory or skin sensitisation

Not applicable

Germ cell mutagenicity

No information available

Carcinogenicity

No evidence of carcinogenic effects

Reproductive toxicity

SECTION 11: Toxicological information (....)

Not applicable

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard**11.2 Information on other hazards**

SECTION 12: Ecological information**12.1 Toxicity**

- No information available

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

EC₅₀ (daphnia): 7.4 mg/l (48 hr)

LC₅₀ (fish): >7.1 mg/l (96 hr)

ALCOHOLS, C12-14, ETHOXYLATED, SULFATES, SODIUM SALTS

PNEC (Fresh water): 0.24 mg/l

PNEC (intermittent): 0.071 mg/l

PNEC (Marine water): 0.024 mg/l

PNEC (Sediment; fresh water): 5.45 mg/kg

PNEC (Sediment; marine water): 0.545 mg/kg

PNEC (Soil): 0.946 mg/kg

PNEC (STP): 10000 mg/l

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS

EC₅₀ (daphnia): 1.9 mg/l (48 hr)

LC₅₀ (fish): 1.11 mg/l (96 hr)

1-PROPANAMINIUM, 3-AMINO-N-(CARBOXYMETHYL)-N,N-DIMETHYL,N-C8-18 (EVEN NUMBERED) ACYL DERIVS, HYDROXIDES INNER SALTS

PNEC (Fresh water): 0.013 mg/l

PNEC (Marine water): 0.001 mg/l

PNEC (Sediment; fresh water): 11.1 mg/kg/day

PNEC (Sediment; marine water): 1.11 mg/kg/day

PNEC (Soil): 0.85 mg/kg

PNEC (STP): 3000 mg/l

GLYCERINE

LC₅₀ (fish): 54000 mg/l (96 hr)

GLYCERINE

PNEC (Fresh water): 0.885 mg/l

SECTION 12: Ecological information (....)

| | |
|--------------------------------|-------------|
| PNEC (intermittent): | 8.85 mg/l |
| PNEC (Marine water): | 0.0885 mg/l |
| PNEC (Sediment; fresh water): | 3.3 mg/kg |
| PNEC (Sediment; marine water): | 0.33 mg/kg |
| PNEC (Soil): | 0.141 mg/kg |
| PNEC (STP): | 1000 mg/l |

(L) LACTIC ACID

| | |
|-----------------------------|------------------|
| EC ₅₀ (daphnia): | 130 mg/l (48 hr) |
| LC ₅₀ (fish): | 130 mg/l (96 hr) |

12.2 Persistence and degradability

- Not applicable

12.3 Bioaccumulative potential

- Bioaccumulation is insignificant

12.4 Mobility in soil

- Completely soluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- Not applicable
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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information**Not classified as hazardous for transport****14.1 UN number or ID number**

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not classified
-

SECTION 14: Transport information (....)

14.6 Special precautions for user

- Not classified

14.7 Maritime transport in bulk according to IMO instruments

SECTION 15: Regulatory information

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

- Refer to current CLP Regulations

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
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SECTION 16: Other information

**Text not given with phrase codes where they are used elsewhere in this safety data sheet:-
H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318:
Causes serious eye damage. H412: Harmful to aquatic life with long lasting effects.**

All information correct at time of printing.

--- end of safety datasheet ---
