

# INGEN Anti Bacterial Handwash

## Safety Data Sheet

This SDS is provided voluntarily as cosmetic product is exempt from SDS requirements of REACH

### 1. Identification of the substance/ mixture and of the company/undertaking

- 1.1 Product: INGEN Anti Bacterial Handwash  
1.2 Use of the preparation: A General Purpose Antibacterial Handwash  
1.3 Company: Ingenia Life Solutions  
Quercus Court  
Armstrong Way, Great Western Business Park  
Bristol  
BS37 5NG  
Tel: (0117) 978 4777  
www.ingenialifesolutions.com  
1.4 Emergency Telephone: ((0117) 978 4777 (office hours only)

### 2. Hazards Identification

2.1 Classification of the substance or mixture  
Classification

**Physical Hazards:-** Not Classified

**Health Hazards:-** Not Classified

**Environmental Hazards-** Not Classified

2.2 Label elements  
Pictogram

**Signal word** n/a

**Hazard statements** Not Classified.

**Precautionary statements** Cosmetic Product: Avoid contact with eyes. In case of contact, rinse with copious amounts of water. Seek medical advice if irritation persists.

2.3 Other hazards  
This product does not contain any substances classified as PBT or vPvB

### 3. Composition/ Information on Ingredients

**Formulation composition/INCI list:** Aqua, Sodium Laureth Sulfate, Sodium Chloride, Lactic Acid, Cocamidopropyl Betaine, Sodium Hydroxide, Cocamide DEA, Glycerin, Polyquaternium-7, Parfum, Benzophenone-4, Disodium EDTA, Sodium Benzoate, CI 42090

3.2 Mixtures

<b>Sodium Laureth Sulfate</b>	<b>&lt;10%</b>
<b>CAS no:</b> 68891-38-3	
<b>EC no:</b> 500-234-8	
<b>Classification under CLP</b>	
Eye Dam. 1 - H318	
Skin Irrit. 2 - H315	

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<b>Lactic acid</b> <b>CAS no:</b> 79-33-4 <b>EC no:</b> 201-196-2	<b>&lt;5%</b>
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### Classification under CLP

Eye Dam 1 – H 318

Skin Irrit.2 – H 315

The full text for all R- Phrases and Hazard Statements are Displayed in section 16

## 4. First Aid Measures

### 4.1. Description of first aid measures

**Inhalation:** Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

**Ingestion:** Rinse mouth out with water and drink copious amounts of water. Do not induce vomiting. If symptoms persist seek medical advice.

**Skin contact:** Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for several minutes and get medical attention.

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

**Inhalation:** Not expected to be irritating to the respiratory system. Not volatile therefore limited inhalation exposure anticipated

**Ingestion:** May cause mild stomach upset

**Skin contact:** May cause slight redness, mild irritation, stinging. Prolonged contact or repeated exposure may cause dryness and cracking of skin

**Eye contact:** May cause redness, tears, stinging to eyes.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

## 5. Fire Fighting Measures

### 5.1. Extinguishing media

**Extinguishing media :** Use fire-extinguishing media appropriate for surrounding materials.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards:** No specific firefighting precautions applicable when small quantities are involved in the fire

**Hazardous combustion products:** Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases(NO<sub>x</sub>). Oxides of sulphur

### 5.3. Advice for firefighters

**Protective equipment for fire-fighters:** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions :** Take care as floors and other surfaces may become slippery. Mop up small spills and rinse to drain with copious amounts of water.

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### 6.2. Environmental precautions

**Environmental precautions:** Large Spillages - Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up:** Take care as floors and other surfaces may become slippery. Large Spillages: Absorb spillage with suitable absorbent material. Collect the material and place into suitable labelled container(s). Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections:** See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

## 7. Handling and Storage

### 7.1. Precautions for safe handling

**Usage precautions:** Read and follow manufacturer's recommendations on label. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use.

**Advice on general occupational hygiene:** Remove contaminated clothing and protective equipment before entering eating areas. Wash at the end of each work shift and before eating, smoking and using the toilet.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions :** Store in tightly-closed, original container. Store upright in a cool , safe place away from direct sunlight.

### 7.3. Specific end use(s)

**Specific end use(s):** As stated in Section 1.2.

## 8. Exposure controls/ Personal Protection

### 8.1. Control parameters

#### Occupational exposure limits

No specific control limits available

### 8.2. Exposure controls

#### Appropriate engineering

Not relevant.

#### Eye/face protection

No specific eye protection required under normal use. Safety glasses or goggles recommended if handling significant quantities of undiluted product.

#### Hand protection

Hand protection not required under normal use. If prolonged contact with undiluted product is likely wear suitable gloves recommended for use with surfactants.

#### Other skin and body protection

None required under normal use.

#### Hygiene measures

When using do not eat, drink or smoke. Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet.

#### Respiratory protection

Not required under normal use.

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### 9. Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<b>Appearance:</b>	Clear liquid.
<b>Colour:</b>	Pale Blue
<b>Odour:</b>	Characteristic.
<b>Odour Threshold :</b>	Not available.
<b>pH:</b>	3.5-4.0
<b>Melting point :</b>	~0°C
<b>Initial boiling point and range :</b>	102°C
<b>Flammability (solid, gas):</b>	The product is not flammable.
<b>Relative density:</b>	1.02 -1.04 @ 20°C
<b>Solubility(ies):</b>	Soluble in water.
<b>Viscosity:</b>	2000-5000cps

9.2 Other Information

**Other Information :** No information required

### 10. Stability and Reactivity

10.1. Reactivity

See the other subsections of this section for further details.

10.2. Chemical stability

**Stability :** Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

None expected.

10.4. Conditions to avoid

Avoid exposure to high and freezing temperatures.

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

Does not decompose when used and stored as recommended.

### 11. Toxicological Information

**11.1. Information on toxicological effects**

This product has not been tested. Based on the available data of the ingredients, the classification criteria are not met

**Acute toxicity – oral/ dermal/ inhalation**

Not classified.

**Skin corrosion/irritation**

Not classified

**Serious eye damage/ irritation**

Not classified – May be irritating to eyes. The symptoms can include redness, itching and tearing.

**Respiratory sensitisation**

Not classified

**Skin sensitisation**

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Not classified

### **Germ cell mutagenicity**

#### **Genotoxicity - in vitro**

None of the components have been identified as germ cell mutagens.

### **Carcinogenicity**

None of the components have been identified as carcinogens.

### **Reproductive toxicity**

#### **Reproductive toxicity - fertility**

None of the components have been identified as reproductive toxins.

### **Specific target organ toxicity - single exposure**

#### **STOT - single exposure**

None of the components have been identified as presenting a systemic target organ hazard.

### **Specific target organ toxicity - repeated exposure**

#### **STOT - repeated exposure**

None of the components have been identified as systemic target organ hazard.

### **Aspiration hazard**

Based on available data the classification criteria are not met. Not considered to present as aspiration hazard

### **Toxicological information on ingredients.**

#### Sodium Laureth Sulfate

#### **Acute toxicity - oral**

**Acute toxicity oral ( LD50 mg/kg) >2000** Based on available data the classification criteria are not met

**Species** Rat

#### **Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg) >2000** Based on available data the classification criteria are not met

**Species** Rat

**Skin Corrosion/Irritation** Irritating. REACH dossier information

**Serious Eye damage/ irritation** Irritating REACH dossier information

#### Lactic acid

#### **Acute toxicity - oral**

**Acute toxicity oral ( LD50 mg/kg) 3.730 mg/kg**

**Species** Rat

**Acute toxicity oral ( LD50 mg/kg) 4.875 mg/kg**

**Species** Mouse

#### **Acute toxicity - dermal**

**Acute toxicity dermal (LD50 mg/kg) >2.000 mg/kg**

**Species** Rabbit

**Skin Corrosion/Irritation** Mild skin irritation.

**Species** Guinea pig

**Skin Corrosion/Irritation** Severe skin irritation.

**Species** Rabbit

**Serious Eye damage/ irritation** Irritating

**Species** Rabbit

## 12. Ecological Information

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### 12.1. Toxicity

Not expected to be toxic in the environment

### Ecological information on ingredients.

#### Sodium Laureth Sulfate

Fish	CL50	7.1 mg/l
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#### Lactic acid

Fish	LC50	320 mg/l (48hr exposure)
Algae	EC50	3.50 mg/l (Scenedesmus capricornutum)

### 12.2. Persistence and degradability

Persistence and degradability

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

The active component (Lactic acid ) is readily biodegradable.

### 12.3 Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient n-octanol/water for **Lactic Acid**: log Kow < 1

### 12.4 Mobility in soil

All components are water soluble and readily absorbed into soil and are mobile in water environment

### 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

None known

## 13. Disposal Considerations

### 13.1. Waste treatment methods

**Disposal methods** : Dispose of contents/container in accordance with national regulations

## 14. Transport Information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. **UN number** : Not applicable.

14.2. **UN proper shipping name**: Not applicable.

14.3. **Transport hazard class(es)**: No transport warning sign required.

14.4. **Packing group**: Not applicable.

14.5. **Environmental hazards**:

Environmentally hazardous substance/marine pollutant: No.

14.6. **Special precautions for user**: Not applicable.

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

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### 15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
All components are listed as existing substances in Europe

15.2 Chemical safety assessment:  
No Chemical Safety Assessment has been carried out.

### 16. Other Information

**Revision Comments** Remove Risk phrases and correct INCI list

**Revision Date** 10/10/2020

**Revision** 8

#### Hazard Statements In Full

H315 Causes skin irritation

H318 Causes serious eye damage

#### Disclaimer

The information contained in this data sheet is, to the best of our knowledge and belief, accurate and is based upon our technical knowledge of the product and the date of issue. No warranty or representation, express or implied, is made as to its accuracy, reliability or completeness. Ingenia Life Solutions will not be responsible for any damage or injury resulting from any inherent hazard of the material, the abnormal use of the material or from failure to adhere to recommendation