

SANI-SLEEVE

Safety Data Sheet

according to the United Nations GHS (Rev. 4, 2011)

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Initial®

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

1.1. Product identifier

Product name : SANI-SLEEVE
Brand : INITIAL
Product code : UA1101
Type of product : Detergent
Registration No : -
Product form : Mixture

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only
Use of the substance/mixture : A urinal block containing a blend of non pathogenic bacterial cultures used for breaking down scale and odours in washroom urinals. Used in a dispenser mechanism.

1.2.2. Uses advised against

No additional information available

1.3. Supplier's details

Supplier

Rentokil Initial Supplies
Liverpool
L33 7SR
UK

Product advice line: +44 (0)151 548 5050
Email: sds@rentokil.com

National Contact

Rentokil Initial Pty Ltd
Unit A1 Lidcombe Business Park,
3-29 Birnie Avenue
Lidcombe NSW 2141
Australia

Product advice line: 61 2 8719 6264
Email: sds@rentokil.com

1.4. Emergency telephone number

Emergency number : +44 (0)1342 833022

| Country | Organisation/Company | Address | Emergency number |
|-----------|--|---|------------------|
| Australia | Queensland Poisons Information Centre | Royal Children's Hospital Herston Road, Brisbane 4029 | 13 11 26 |
| Australia | WA Poisons Information Centre (WAPIC) | Sir Charles Gardner Hospital Hospital Avenue, Nedlands, WA 6009 | 13 11 26 |
| Australia | New South Wales Poisons Information Centre | The Children's Hospital at Westmead Locked Bag 4001, Westmead, NSW 2145 | 13 11 26 |
| Australia | Victorian Poisons Information Centre | Austin Hospital Studley Road, Heidelberg, Victoria 3084 | 13 11 26 |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to the United Nations GHS (Rev. 4, 2011)

Acute Tox. 5 (Oral) H303
Skin Irrit. 2 H315
Eye Dam. 1 H318
Aquatic Acute 3 H402

Full text of H-statements: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

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2.2. Label elements

Labelling according to the United Nations GHS (Rev. 4, 2011)

Hazard pictograms (GHS-UN) :



GHS05

Signal word (GHS-UN) : Danger

Hazardous ingredients : Sodium Dodecylbenzenesulfonate

Hazard statements (GHS-UN) : H303 - May be harmful if swallowed
H315 - Causes skin irritation
H318 - Causes serious eye damage
H402 - Harmful to aquatic life

Precautionary statements (GHS-UN) : P102 - Keep out of reach of children
P280 - Wear protective gloves
P264 - Wash hands thoroughly after handling
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a doctor, a POISON CENTER
P302+P352 - IF ON SKIN: Wash with plenty of water
IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell
If medical advice is needed, have product container or label at hand
P273 - Avoid release to the environment
P501 - Dispose of contents/container to an approved waste disposal plant

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % | Classification according to the United Nations GHS (Rev. 4, 2011) |
|--------------------------------|---------------------|---------|--|
| Sodium Dodecylbenzenesulfonate | (CAS No) 68411-30-3 | 10 - 25 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Linalool | (CAS No) 78-70-6 | 0.1 - 1 | Flam. Liq. 4, H227 Acute Tox. 5 (Oral), H303 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402 |
| Hexyl cinnamal | (CAS No) 101-86-0 | 0.1 - 1 | Acute Tox. 5 (Oral), H303 Skin Irrit. 3, H316 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |
| D-Limonene | (CAS No) 5989-27-5 | 0.1 - 1 | Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Chronic 1, H410 |
| benzyl benzoate | (CAS No) 120-51-4 | 0.1 - 1 | Acute Tox. 4 (Oral), H302 Acute Tox. 5 (Dermal), H313 Aquatic Acute 1, H400 Aquatic Chronic 2, H411 |

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Wash with plenty of soap and water. Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/injuries after skin contact : Causes skin irritation.
Symptoms/injuries after eye contact : Causes serious eye damage.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity : This product is stable under normal conditions of handling and use.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
Hygiene measures : Wash hands thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Protect from heat and direct sunlight.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Hand protection : Wear protective gloves.

Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

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| | |
|--|---------------------|
| Appearance | : Solid (Block). |
| Colour | : Turquoise. |
| Odour | : mint-like. |
| Odour threshold | : No data available |
| pH | : No data available |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 83 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

This product is stable under normal conditions of handling and use.

10.2. Chemical stability

This product is stable under normal conditions of handling and use.

10.3. Possibility of hazardous reactions

This product is stable under normal conditions of handling and use.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Oral: May be harmful if swallowed.

| | |
|--|------------------------------|
| SANI-SLEEVE | |
| ATE UN (oral) | 2472.544 mg/kg bodyweight |
| Sodium Dodecylbenzenesulfonate (68411-30-3) | |
| ATE UN (oral) | 500.000 mg/kg bodyweight |
| Hexyl cinnamal (101-86-0) | |
| ATE UN (oral) | 2500.000 mg/kg bodyweight |
| benzyl benzoate (120-51-4) | |
| ATE UN (oral) | 500.000 mg/kg bodyweight |
| ATE UN (dermal) | 2500.000 mg/kg bodyweight |
| Skin corrosion/irritation | : Causes skin irritation. |
| Serious eye damage/irritation | : Causes serious eye damage. |

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| | |
|---|---|
| Respiratory or skin sensitisation | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : Not classified |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

| | |
|-------------------------------|------------------|
| SANI-SLEEVE | |
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| | |
|---------------------------|------------------|
| SANI-SLEEVE | |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--------------------------------|---|
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| Ecology - waste materials | : Avoid release to the environment. |
| H code | : H4 - 'Irritant': non-corrosive substances and preparations which, through immediate, prolonged or repeated contact with the skin or mucous membrane, can cause inflammation. H8 - 'Corrosive': substances and preparations which may destroy living tissue on contact. |

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

| | |
|---------------|--------|
| UN-No. (ADR) | : 1759 |
| UN-No. (IATA) | : 1759 |
| UN-No. (IMDG) | : 1759 |
| UN-No. (ADN) | : 1759 |

14.2. UN proper shipping name

| | |
|--------------------------------------|---|
| Proper Shipping Name (ADR) | : CORROSIVE SOLID, N.O.S. |
| Proper Shipping Name (IATA) | : Corrosive solid, n.o.s. |
| Proper Shipping Name (IMDG) | : CORROSIVE SOLID, N.O.S. |
| Proper Shipping Name (ADN) | : CORROSIVE SOLID, N.O.S. |
| Transport document description (ADR) | : UN 1759 CORROSIVE SOLID, N.O.S. (Sodium Dodecylbenzenesulfonate), 8, III, (E) |

14.3. Transport hazard class(es)

| | |
|---------------------------|-------|
| Class (ADR) | : 8 |
| Classification code (ADR) | : C10 |
| Class (IATA) | : 8 |
| Class (IMDG) | : 8 |
| Class (ADN) | : 8 |
| Classification code (ADN) | : C10 |

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Danger labels (ADR) : 8,



Hazard labels (IATA) : 8,



Danger labels (IMDG) : 8,



Danger labels (ADN) : 8,



14.4. Packing group

Packing group (ADR) : III
Packing group (IATA) : III
Packing group (IMDG) : III
Packing group (ADN) : III

14.5. Environmental hazards

Dangerous for the environment : No
Marine pollutant : No
Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 80
Classification code (ADR) : C10
Orange plates :



Special provisions (ADR) : 274
Transport category (ADR) : 3
Tunnel restriction code (ADR) : E
Limited quantities (ADR) : 5kg
Excepted quantities (ADR) : E1

14.6.2. Transport by sea

Special provisions (IMDG) : 223, 274
Limited quantities (IMDG) : 5 kg
Excepted quantities (IMDG) : E1
Packing instructions (IMDG) : P002, LP02
IBC packing instructions (IMDG) : IBC08
IBC special provisions (IMDG) : B3
Tank instructions (IMDG) : T1
Tank special provisions (IMDG) : TP33
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Stowage category (IMDG) : A
Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

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14.6.3. Air transport

| | |
|--|---------|
| CAO packing instructions (IATA) | : 864 |
| CAO max net quantity (IATA) | : 100kg |
| PCA packing instructions (IATA) | : 860 |
| PCA Limited quantities (IATA) | : Y845 |
| PCA limited quantity max net quantity (IATA) | : 5kg |
| PCA max net quantity (IATA) | : 25kg |
| PCA Excepted quantities (IATA) | : E1 |
| Special provisions (IATA) | : A3 |
| ERG code (IATA) | : 8L |

14.6.4. Inland waterway transport

| | |
|-----------------------------------|----------|
| Special provisions (ADN) | : 274 |
| Limited quantities (ADN) | : 5 kg |
| Excepted quantities (ADN) | : E1 |
| Equipment required (ADN) | : PP, EP |
| Number of blue cones/lights (ADN) | : 0 |
| Carriage prohibited (ADN) | : No |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Allergenic fragrances > 0,01%:

| |
|-----------------|
| HEXYL CINNAMAL |
| LINALOOL |
| BENZYL BENZOATE |
| D-LIMONENE |

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. REGULATION ST/SG/AC.10/30/Rev.4 [UN/GHS].

Other information : None.

Full text of H-statements:

| | |
|-----------------------|---|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Acute Tox. 5 (Dermal) | Acute toxicity (dermal), Category 5 |
| Acute Tox. 5 (Oral) | Acute toxicity (oral), Category 5 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Acute 3 | Hazardous to the aquatic environment — Acute Hazard, Category 3 |
| Aquatic Chronic 1 | Hazardous to the aquatic environment — Chronic Hazard, Category 1 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
| Asp. Tox. 1 | Aspiration hazard, Category 1 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2A | Serious eye damage/eye irritation, Category 2A |
| Flam. Liq. 3 | Flammable liquids, Category 3 |
| Flam. Liq. 4 | Flammable liquids, Category 4 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Irrit. 3 | Skin corrosion/irritation, Category 3 |
| Skin Sens. 1 | Sensitisation — Skin, category 1 |
| H226 | Flammable liquid and vapour |

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| | |
|------|--|
| H302 | Harmful if swallowed |
| H304 | May be fatal if swallowed and enters airways |
| H315 | Causes skin irritation |
| H317 | May cause an allergic skin reaction |
| H318 | Causes serious eye damage |
| H319 | Causes serious eye irritation |
| H400 | Very toxic to aquatic life |
| H410 | Very toxic to aquatic life with long lasting effects |
| H411 | Toxic to aquatic life with long lasting effects |

SDS GHS UN

Before using any product, ensure that you read and understand its label.

The information contained in this safety data sheet is, to the best of our knowledge and belief, accurate and reliable at the time of publication. The information relates only to the specific material designated in this safety data sheet and may not be valid for such material if it is used in combination with any other material(s) or any other use than that specified herein. Neither Rentokil Initial plc nor any of its subsidiaries accepts any liability for the use of this product for any other purpose than that described in this safety data sheet. This does not affect your statutory rights. It is the user's responsibility to satisfy him/herself as to the suitability in completeness of such information for his/her own particular use.

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