

## Safety Data Sheet

According to Australian CoP Preparation of Safety Data Sheets for Hazardous Chemicals, Jul 2020 and New Zealand HSNO



### Estesol Pure

Version 1.2

Print Date 14.10.2024

Revision Date 14.10.2024

SDS Number 350000046033

GEN\_SOF Number 74320

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product identifier** : Estesol Pure

**Other means of Identification** : 350000046033

**Recommended use** : Personal care – Hand Hair & Body Wash

**Restrictions on use** : Use only as directed on label

**Australia** : SC Johnson Professional Pty Ltd  
160 Epping Road, Lane Cove, NSW  
2066, Australia  
Telephone: 1800 090 330

**New Zealand** : SC Johnson Professional NZ Limited  
79 Queen Street, Auckland 1010  
New Zealand  
Telephone: 0800 332 695

**Poison Information Contacts** : Australia: 13 11 26  
New Zealand: 0800 764 766 or 0800 POISON

#### 2. HAZARDS IDENTIFICATION

**Classification of the substance or mixture**

##### Statement of Hazardous Nature (Australia)

##### Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Serious eye damage	Category 2B	Causes eye irritation.

\* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

##### Statement of Hazardous Nature (New Zealand)

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**HSNO Classification (NZ):** : Eye irritation CAT 2

#### Labelling - Australia \*\*

##### **Hazard statements**

(H320) Causes eye irritation.

##### **Precautionary statements**

(P101) If medical advice is needed, have product container or label at hand.

(P102) Keep out of reach of children.

**Other hazards** : None identified

\*\* The information supplied is designed for products predominately used in workplaces; whereas consumer product labels comply with the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) labelling requirements, under The Australian CoP Labelling of Workplace Hazardous Chemicals (March 2015).

#### Labelling- New Zealand

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Sodium lauryl ether sulfate	68891-38-3	5.00 - 10.00
Sodium chloride	7647-14-5	1.00 - 5.00
Cocamidopropyl Betaine	61789-40-0	1.00 - 5.00
Glycerin	56-81-5	0.50 - 1.00
Other non-hazardous ingredients	various	Balance to 100

### 4. FIRST AID MEASURES

#### **Description of first aid measures**

**Eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/ attention.

**Skin contact** : No special requirements

**Inhalation** : No special requirements.

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**Ingestion** : No special requirements

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

**Indication of any immediate medical attention and special treatment needed** : See Description of first aid measures unless otherwise stated.

## 5. FIREFIGHTING MEASURES

**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Specific hazards arising from substance** : Container may melt and leak in heat of fire.

**Special protective equipment and precautions for fire fighters** : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures** : Wash thoroughly after handling.

**Environmental precautions** : Outside of normal use, avoid release to the environment.

**Methods and materials for containment and cleaning up** : Dike large spills.  
Clean residue from spill site.

## 7. HANDLING AND STORAGE

**Handling**

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**Precautions for safe handling** : Avoid contact with skin, eyes and clothing.  
For personal protection see section 8.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Wash thoroughly after handling.

**Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

#### Storage

**Requirements for storage areas and containers** : Keep container closed when not in use.

**Other data** : Stable at normal ambient temperature and pressure.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Glycerin	56-81-5	10 mg/m3	-	-	AU_OESTWAS
Glycerin	56-81-5	10 mg/m3	-	-	NZ_WELTWA

### Personal protective equipment

**Respiratory protection** : No special requirements.

**Hand protection** : No special requirements.

**Eye protection** : No special requirements.

**Skin and body protection** : No special requirements.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Form</b>	: liquid
<b>Color</b>	: colourless
<b>Odor</b>	: characteristic
<b>Odour Threshold</b>	: Test not applicable for this product type
<b>pH</b>	: 4.5
<b>Melting point/freezing point</b>	: -20°C - 0°C
<b>Initial boiling point and boiling range</b>	: > 100°C
<b>Flash point</b>	: does not flash
<b>Evaporation rate</b>	: Test not applicable for this product type
<b>Flammability (solid, gas)</b>	: The product is not flammable.
<b>Upper/lower flammability or explosive limits</b>	: Not measured as flashpoint >100 °C
<b>Vapour pressure</b>	: Test not applicable for this product type
<b>Vapour density</b>	: Not measured as flashpoint >100 °C
<b>Relative density</b>	: 1.028 g/cm <sup>3</sup> Test not applicable for this product type
<b>Solubility(ies)</b>	: soluble
<b>Partition coefficient: n-octanol/water</b>	: Test not applicable for this product type

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**Auto-ignition temperature** : not auto-flammable

**Decomposition temperature** : Test not applicable for this product type

**Viscosity, dynamic** : 4,000 mPa.s  
at 25 °C

**Viscosity, kinematic** : 3,891 mm<sup>2</sup>/s  
at 25 °C

**Oxidizing properties** : Test not applicable for this product type

**Other information** : None identified :

## 10. STABILITY AND REACTIVITY

**Reactivity** : No dangerous reaction known under conditions of normal use.

**Chemical stability** : No decomposition if stored normally.

**Possibility of hazardous reactions** : Stable under recommended storage conditions.

**Conditions to avoid** : Direct sources of heat.

**Incompatible materials** : None known.

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

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#### 11. TOXICOLOGICAL INFORMATION

**Acute oral toxicity** : LD50 > 5000 mg/kg

**Acute inhalation toxicity** : LC50 > 5.1 mg/L

**Acute dermal toxicity** : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin irritation	No classification proposed	-
Serious eye damage	Category 2B	-
Skin sensitisation^	No classification proposed	-
Respiratory sensitisation^	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-

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Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

**Aggravated Medical Condition** : None known.

\* Classification not adopted by Australia

^ Classification only triggered in Australia if 'Schedule 6 of WHS Regulations' met. Contact SCJ Consumer Advice number listed on product label if required.

## 12. ECOLOGICAL INFORMATION

**Product** : The product itself has not been tested.

### Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

### Toxicity to fish

Components	End point	Species	Value	Exposure time
Sodium lauryl ether sulfate	LC50 flow-through test NOEC	Fish Oncorhynchus mykiss (rainbow trout)	7.1 mg/l 0.14 mg/l	96 h 28 d
Sodium chloride	flow-through test LC50 NOEC	Lepomis macrochirus  Pimephales promelas (fathead minnow)	5,840 mg/l  252 mg/l	96 h  33 d
Cocamidopropyl Betaine	semi-static test LC50 NOEC	Danio rerio (zebra fish)  Oncorhynchus mykiss (rainbow trout)	2 mg/l  0.135 mg/l	96 h  37 d



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Glycerin	static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	54,000 mg/l	96 h
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#### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Sodium lauryl ether sulfate	EC50	Daphnia magna (Water flea)	7.2 mg/l	48 h
	NOEC	Daphnia magna	0.27 mg/l	21 d
Sodium chloride	static test EC50	Daphnia magna (Water flea)	340.7 - 469.2 mg/l	48 h
	NOEC	Daphnia pulex	314 mg/l	21 d
Cocamidopropyl Betaine	NOEC	Daphnia magna	0.3 mg/l	21 d
Glycerin	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h

#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Sodium lauryl ether sulfate	EC50	Algae	7.5 mg/l	96 h
Sodium chloride	IC50	Algae	3,014 mg/l	72 h
Cocamidopropyl Betaine	ErC50	freshwater algae	2.4 mg/l	72 h
Glycerin	EC10	Microcystis aeruginosa (blue-green algae)	2,900 mg/l	168 h

#### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
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Sodium lauryl ether sulfate	No data available		
Sodium chloride	No data available		
Cocamidopropyl Betaine			
Glycerin	94 %	24 h	Readily biodegradable.

#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Sodium lauryl ether sulfate	No data available	0.3
Sodium chloride	1.09 QSAR	0.54
Cocamidopropyl Betaine	3 - 71	4.2
Glycerin	0.89 estimated	-1.76

#### Mobility

Component	End point	Value
Sodium lauryl ether sulfate		-
Sodium chloride	No data available	
Cocamidopropyl Betaine		-
Glycerin	No data available	-

#### PBT and vPvB assessment

Component	Results
Sodium lauryl ether sulfate	Not fulfilling PBT and vPvB criteria
Sodium chloride	Not fulfilling PBT and vPvB criteria
Cocamidopropyl Betaine	Not fulfilling PBT and vPvB criteria
Glycerin	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

### 13. DISPOSAL CONSIDERATIONS

Safe handling and disposal methods : Consumer may discard empty container in trash, or recycle where facilities exist.

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Disposal of any : Do not re-use empty containers.  
contaminated packaging

#### 14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

##### Land transport

Not classified as dangerous in the meaning of transport regulations.

##### Sea transport

Not classified as dangerous in the meaning of transport regulations.

##### Air transport

Not classified as dangerous in the meaning of transport regulations.

*<sup>§</sup> Land transport: Classification based on UN Recommendations on the Transport of Dangerous Goods. Local regulations under the Australian Dangerous Goods Code (ADG) and/or the New Zealand Land Transport Rule Dangerous Goods should be applied prior to transportation of goods.*

#### 15. REGULATORY INFORMATION

Poisons Schedule : NOT SCHEDULED  
(Australia):

HSNO Classification (NZ): : Eye irritation CAT 2

HSNO Approval Number : Cosmetic Products Group Standard 2020 - HSR002552  
(NZ):

#### 16. OTHER INFORMATION

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Key abbreviations or acronyms used

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ADG: The Australian Code for the Transport of Dangerous Goods by Road and Rail

NZ LTR: The New Zealand Land Transport Rule: Dangerous Goods 2005

HSNO: Hazardous Substances and New Organisms Act 1996 (New Zealand)

IATA: International Air Transport Association

IMDG: International Maritime Dangerous Goods

SUSMP: Standard for the Uniform Scheduling of Medicines and Poisons (Australia)

#### Further information

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Prepared by	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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