



**Unilever Asia Private Limited**  
 20 Pasir Panjang Road #06-22  
 Mapletree Business City  
 Singapore 117439

T : (65) 6643 3000  
 F : (65) 6570 1090

# SAFETY DATA SHEET

## Section 1. Identification

**Product name** : Dove Cucumber Shampoo

**Product description** : Hair shampoo

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

Identified uses
Industrial uses Consumer uses Professional uses

**Supplier's details** : Unilever Asia Private Limited  
 20 Pasir Panjang Road #06-22  
 Mapletree Business City  
 Singapore 117439

T : (65) 6643 3000  
 F : (65) 6570 1090

## Section 2. Hazards identification

**HSNO Classification** : 6.4 - EYE IRRITATION - Category A  
 6.3 - SKIN IRRITATION - Category B

Percentage of the mixture consisting of ingredient(s) of unknown toxicity: 0 %

**Version:** 1.0

**Date of issue/Date of revision:** 21.12.2018

**Date of previous issue:** 00.00.0000

Percentage of the mixture consisting of ingredient(s) of unknown

hazards to the aquatic environment: 0 %

This material is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and has been classified according to the Hazardous Substances (Classifications) Regulations 2001.

### **GHS label elements**

**Signal word** : WARNING  
**Hazard statements** : H319 Causes serious eye irritation.  
H316 Causes mild skin irritation.

### **Precautionary statements**

**Prevention** : P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
P103 Read label before use.

**Response** : P305 IF IN EYES:  
P351 Rinse cautiously with water for several minutes.  
P338 Remove contact lenses, if present and easy to do. Continue rinsing.  
P302 IF ON SKIN:  
P352 Wash with plenty of water.  
P332 + P313 If skin irritation occurs, get medical advice/attention.  
P337 + P313 If eye irritation persists, get medical advice/attention.  
P391 Collect spillage.

**Storage** : Not applicable.

**Disposal** : Not applicable.

**Other hazards which do not result in classification** : None

## **Section 3. Composition/information on ingredients**

**Substance/mixture** : Mixture

<b>Ingredient name</b>	<b>% (w/w)</b>	<b>CAS number</b>
Sodium Laureth Sulfate	12 – 14%	68891-38-3

CAPB	1-3%	61789-40-0
glycerol	0.5 – 1%	56-81-5

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Inhalation** : Get medical attention immediately. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Get medical attention immediately. Call a poison center or physician. Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Eye contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes.

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

**Potential acute health effects**

<b>Inhalation</b>	:	No known significant effects or critical hazards.
<b>Ingestion</b>	:	No known significant effects or critical hazards.
<b>Skin contact</b>	:	Causes mild skin irritation.
<b>Eye contact</b>	:	Causes serious eye irritation.

**Over-exposure signs/symptoms**

<b>Inhalation</b>	:	No specific data.
<b>Ingestion</b>	:	Adverse symptoms may include the following: stomach pains
<b>Skin</b>	:	Adverse symptoms may include the following: irritation redness
<b>Eyes</b>	:	Adverse symptoms may include the following: irritation redness

**Indication of immediate medical attention and special treatment needed, if necessary**

<b>Specific treatments</b>	:	Not available.
<b>Notes to physician</b>	:	No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Protection of first-aiders</b>	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the

rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. **See toxicological information (Section 11)**

**Section 5. Fire-fighting measures****Extinguishing media**

<b>Suitable</b>	:	Use an extinguishing agent suitable for the surrounding fire.
<b>Not suitable</b>	:	None known.
<b>Specific hazards arising from the chemical</b>	:	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous thermal decomposition products</b>	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide
<b>Hazchem code</b>	:	Not available.
<b>Special precautions for firefighters</b>	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

<b>Special protective equipment for fire-fighters</b>	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
<b>Remark</b>	:	Not available.

## Section 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breathe vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).
<b>Environmental precautions</b>	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### Methods and materials for containment and cleaning up

<b>Small spill</b>	:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if waterinsoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
<b>Large spill</b>	:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

**Precautions for safe handling**

Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Conditions for safe storage, including any incompatibilities**

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and wellventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

**Control parameters****Occupational exposure limits**

<b>Ingredient name</b>	<b>Exposure limits</b>
glycerol	<b>NZ HSWA 2015 (1994-01-01)</b> <b>TWA 10 mg/m3</b> Form: Mist and Inspirable dust containing no asbestos and less than 1% free silica

To ensure workplace health and safety, OELs are listed in reference to the Safe Work Australia Workplace Exposure Standards for Airborne Contaminants (Australia) or the Worksafe New Zealand Workplace Exposure Standards and Biological Exposure Indices 9th Edition(New Zealand).

If available, additional information is obtained from the health and safety information available in Europe.

**Appropriate engineering controls**

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

<b>Hygiene measures</b>	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Respiratory protection</b>	: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
<b>Hand protection</b>	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
<b>Eye protection</b>	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles and/or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
<b>Skin protection</b>	: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

## Section 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	: liquid
<b>Color</b>	: Light beige
<b>Odor</b>	: perfumed
<b>Odor threshold</b>	: Not available.
<b>pH</b>	: 4.5 [Conc. (% w/w): 1,000 g/l ]
<b>Melting point</b>	: Not available.
<b>Boiling point</b>	: Not available.
<b>Flash point</b>	: Non-flammable.
<b>Evaporation rate</b>	: Not available.
<b>Flammability (solid, gas)</b>	: Not available.
<b>Lower and upper explosive (flammable) limits</b>	: <b>Lower:</b> Not available. <b>Upper:</b> Not available.
<b>Vapor pressure</b>	: Not available.
<b>Vapor density</b>	: Not available.

Relative density	:	Not available.
Solubility	:	Not available.
Partition coefficient: noctanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
Viscosity	:	<b>Dynamic:</b> 5,000 mPa.s
		<b>Kinematic:</b> Not available.

#### Aerosol product

Type of aerosol	:	Not available.
Heat of combustion	:	Not available.
Ignition distance	:	Not available.
Enclosed space ignition - Time equivalent	:	Not available.
Enclosed space ignition - Deflagration density	:	Not available.
Flame height	:	Not available.
Flame duration	:	Not available.

## Section 10. Stability and reactivity

Chemical stability	:	The product is stable.
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	No specific data.
Incompatible materials	:	No specific data.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

#### Information on the likely routes of exposure

Inhalation	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.
Skin contact	:	Causes mild skin irritation.
Eye contact	:	Causes serious eye irritation.

#### Symptoms related to the physical, chemical and toxicological characteristics

Inhalation	:	No specific data.
Ingestion	:	Adverse symptoms may include the following: stomach pains



**Skin contact** : Adverse symptoms may include the following: irritation redness

**Eye contact** : Adverse symptoms may include the following: irritation redness

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Acute toxicity**

**Conclusion/Summary**

**Skin** : Not sensitizing  
**Respiratory** : Not sensitizing

**Potential chronic health effects**

**Conclusion/Summary** : Very low toxicity to humans or animals.

**Carcinogenicity**

**Conclusion/Summary** : No additional remark.

**Mutagenicity**

**Conclusion/Summary** : Not applicable.

**Teratogenicity**

**Conclusion/Summary** : Not applicable.

**Reproductive toxicity**

**Conclusion/Summary** : Not applicable.

**Specific target organ toxicity**

Not available.

**Aspiration hazard**

Not available.

**Numerical measures of toxicity**

**Acute toxicity estimates**

Route	ATE value
Oral	15,000 milligram per kilogram

**Other information** : Not available.

## Section 12. Ecological information

**Ecotoxicity** : No known significant effects or critical hazards.

### Aquatic and terrestrial toxicity

**Conclusion/Summary** : No known significant effects or critical hazards.

### Persistence/degradability

**Conclusion/Summary** : The surfactants used in this mixture are readily biodegradable.

### Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
-------------------------	--------	-----	-----------

Product/ingredient name	LogPow	BCF	Potential
CAPB		-	low
glycerol	-1.76	-	low

### Mobility in soil

**Soil/water partition coefficient (KOC)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product



**Safety, health and environmental regulations specific for the product** : No known specific national and/or regional regulations applicable to this product (including its ingredients).

### International regulations

#### Montreal Protocol (Annexes A, B, C, E)

None of the components are listed.

#### Stockholm Convention on Persistent Organic Pollutants

##### Annex A - Elimination - Production

None of the components are listed.

##### Annex A - Elimination - Use

None of the components are listed.

##### Annex B - Restriction - Production

None of the components are listed.

##### Annex B - Restriction - Use

None of the components are listed.

##### Annex C - Unintentional - Production

None of the components are listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

None of the components are listed.

## **Section 16. Other information**

### History

<b>Date of printing</b>	:	21.12.2018
<b>Date of issue/Date of revision</b>	:	20.12.2018
<b>Date of previous issue</b>	:	00.00.0000
<b>Version</b>	:	1.0
<b>Prepared by</b>	:	Not available.
<b>Key to abbreviations</b>	:	ADG = Australian Dangerous Goods ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container

**Version:** 1.0

**Date of issue/Date of revision:** 21.12.2018

**Date of previous issue:** 00.00.0000

IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail  
UN = United Nations

## **References**

- : Under the application of the Global Harmonised System (GHS) available data have been used to assess the hazardous properties of this mixture.

## **Notice to reader**

**To the best of our knowledge, the information contained herein is accurate. However, neither the abovenamed supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.**