



## SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II

### Comfort Morning Fresh

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

##### 1.1 Product identifier

**Product name**            Comfort Morning Fresh  
**Product code**            32460040  
**Product description**    Fabric Rinse Conditioner

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

Industrial uses: Uses of substances as such or in preparations at industrial sites

Consumer uses: Private households (= general public = consumers)

Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

##### 1.3 Details of the supplier of the safety data sheet

Unilever South Africa (Pty) Ltd  
15 Nollsworth Crescent  
4051 La Lucia  
SOUTH AFRICA

**e-mail address of person**            Zama.Duma@unilever.com  
**responsible for this SDS**

##### 1.4 Emergency telephone number

National advisory body/Poison Center

**Telephone number** 031 570 2223 / +27 31 570 2223 (Internal emergency control number)

### Supplier

**Telephone number** Homecare 0860 572 908 Personal Care 0860 572 861

**Hours of operation**

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition** Mixture

#### Classification according to Directive 1999/45/EC [DPD]

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** Not classified.

**Physical/chemical** Not applicable.

#### **hazards**

**Human health hazards** Not applicable.

**Environmental hazards** Not applicable.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Risk phrases** This product is not classified according to EU legislation.

**Safety phrases**

AISE 1: Keep away from children

AISE 2 :Keep away from eyes. If product gets into eyes rinse thoroughly with water

AISE 3 :Rinse hands after use.

AISE 4:People with sensitive or damaged skin should avoid prolonged contact with the product.

Supplemental label elements Not applicable.

### Special packaging requirements

Containers to be fitted with child-resistant fastenings Not applicable.

Tactile warning of danger Not applicable.

### 2.3 Other hazards

Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII Not applicable.

Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII Not applicable.

Other hazards which do not result in classification Not available.

## 3. Composition/information on ingredients

Substance/mixture : Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Dipalmoylethyl Hydroxyethylmonium	RRN : EC:	10 - 20	Xi; R38		[1]

Methosulfate	CAS : 157905-74-3 Index:				
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#### Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] PBT-substance

[4] vPvB-substance

See Section 16 for the full text of the R phrases or H statements declared above.

Occupational exposure limits, if available, are listed in Section 8. For confidentiality reasons, the levels of components listed in Section 3 are given in percentage bands. The bandings do not reflect potential variation in composition of this formulation, but are used simply to mask the exact component levels, which we consider to be proprietary information. The classification given in Section 2 and 15 reflects the exact composition of this mixture.

\* exempted according to REACH Art. 2(7) and Annex V; Each starting material of the ionic mixture is registered, if required

## 4. First aid measures

### 4.1 Description of first aid measures

#### **Eye contact**

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

#### **Inhalation**

Move exposed person to fresh air. Keep person warm and at rest. Get medical attention if symptoms occur.

#### **Skin contact**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

#### **Ingestion**

Keep person warm and at rest. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. If swallowed, rinse mouth with water (only if the person is conscious). Get medical attention

if symptoms occur.

#### **Protection of first-aiders**

No action shall be taken involving any personal risk or without suitable training.

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

#### **Potential acute health effects**

##### **Eye contact**

No known significant effects or critical hazards.

##### **Inhalation**

No known significant effects or critical hazards.

##### **Skin contact**

No known significant effects or critical hazards.

##### **Ingestion**

No known significant effects or critical hazards.

#### **Over-exposure signs/symptoms**

##### **Eye contact**

No specific data.

##### **Inhalation**

No specific data.

##### **Skin contact**

No specific data.

##### **Ingestion**

No specific data.

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

#### **Notes to physician**

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have

been ingested or inhaled.

#### **Specific treatments**

No specific treatment.

## **5. Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

#### **Unsuitable extinguishing media**

None known.

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

#### **Hazards from the substance or mixture**

In a fire or if heated, a pressure increase will occur and the container may burst.

#### **Hazardous combustion products**

No specific data.

### **5.3 Advice for firefighters**

#### **Special precautions for fire-fighters**

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.

#### **Special protective equipment for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

#### **Additional information**

Not available.

## 6. Accidental release measures

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

#### **For non-emergency personnel**

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. Put on appropriate personal protective equipment.

#### **For emergency responders**

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

### 6.2 Environmental precautions

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).

### 6.3 Methods and materials for containment and cleaning up

#### **Small spill**

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

#### **Large spill**

Stop leak if without risk. Move containers from spill area. 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. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## 7. Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

#### **Protective measures**

Put on appropriate personal protective equipment (see Section 8).

#### **Advice on general occupational hygiene**

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. See also Section 8 for additional information on hygiene measures.

### 7.2 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 well-ventilated 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.

### 7.3 Specific end use(s)

#### **Recommendations**

Not available

#### **Industrial sector specific solutions**

Not available

## 8. Exposure controls/personal protection



The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

## **8.1 Control parameters**

### **Occupational exposure limits**

<b><u>Product/ingredient name</u></b>	<b><u>Occupational exposure limits</u></b>
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No exposure limit value known.

### **Recommended monitoring procedures**

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

## **8.2 Exposure controls**

### **Appropriate engineering controls**

If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

### **Individual protection measures**

#### **Hygiene measures**

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. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

#### **Eye/face protection**

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. Industrial use  
Wear eye protection. Chemical splash goggles or face shield.

**Skin protection****Hand protection**

For industrial use

**Body protection**

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., For industrial use, Wear suitable protective clothing., Avoid prolonged or repeated contact with skin.

**Other skin protection**

Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection**

A respirator is not needed under normal and intended conditions of product use. 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.

**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.

**9. Physical and chemical properties****9.1 Information on basic physical and chemical properties****Appearance**

**Form**                      liquid

**Color**                      Blue

<b>Odor</b>	perfumed
<b>Odor threshold</b>	Not available
<b>pH</b>	2.6
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	Not available.
<b>Flash point</b>	Not available
<b>Evaporation rate</b>	Not available
<b>Flammability (solid, gas)</b>	Not available
<b>Density</b>	Not available
<b>Bulk density</b>	Not available
<b>Solubility in water at room temperature (g/l):</b>	Not available
<b>Upper/lower flammability or explosive limits</b>	Lower: Not available. Upper: Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available
<b>Relative density</b>	Not available
<b>Solubility(ies)</b>	Not available
<b>Partition coefficient: n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	Not available
<b>Viscosity</b>	Dynamic: 70.000 mPa.s

Kinematic: Not available.

**Explosive properties** Not available

**Oxidizing properties** Not available

## 9.2 Other information

**SADT** Not available

**Type of aerosol** Not available

**Heat of combustion** Not available.

## 10. Stability and reactivity

**10.1 Reactivity** No specific test data related to reactivity available for this product or its ingredients.

**10.2 Chemical stability** The product is stable.

**10.3 Possibility of hazardous reactions** Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4 Conditions to avoid** No specific data.

**10.5 Incompatible materials** No specific data.

**10.6 Hazardous decomposition products** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity**

LD50 > 2,000 mg/kg

**Irritation/Corrosion****Eyes**

No research on the irritancy potential of the mixture has been performed

The mixture is not irritant for eyes based on the composition as indicated in section 3.

**Skin**

No irritancy research on the mixture has been performed.

Contains a substance irritation to skin, but below threshold for classification.

**Sensitization**

No sensitization studies have been performed on the mixture. Based on the composition as indicated in section 3, it's not likely that the mixture will cause sensitisation by skin contact

**Respiratory**

No inhalation irritancy studies have been performed on the mixture. Based on the composition as indicated in section 3, it is not likely that this mixture will cause irritation of the respiratory tract.

**Repeated dose toxicity**

Not available

**Carcinogenicity**

No known significant effects or critical hazards.

**Mutagenicity**

No known significant effects or critical hazards.

**Toxicity for reproduction**

No known significant effects or critical hazards.

**12: Ecological information****12.1 Toxicity**

No ecological research on the mixture has been performed based on the composition as indicated in section 3.

### **12.2 Persistence and degradability**

The surfactants used in this mixture are readily biodegradable.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

### **12.3 Bioaccumulative potential**

Not considered to be bioaccumulating in the environment

### **12.4 Mobility in soil**

Mixture is highly soluble

### **12.5 Results of PBT and vPvB assessment**

The substances used in this mixture are neither a PBT- or a vPvB substance

## **13. Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### **13.1 Waste treatment methods**

#### **Product**

#### **Methods of disposal**

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a

safe way. 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. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### **Hazardous waste**

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

### **Packaging**

#### **Methods of disposal**

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

#### **Special precautions**

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## **14. Transport information**

	<b>ADR/RID</b>	<b>ADN</b>	<b>IMDG</b>
<b>14.1 UN number</b>	-	-	-
<b>14.2 UN proper shipping name</b>	Not regulated.	Not regulated.	Not regulated.
<b>14.3 Transport hazard class(es)</b>	Not regulated.	Not regulated.	Not regulated.
<b>14.4 Packing group</b>	-	-	-

14.5. Environmental hazards	No.	No.	No.
14.6 Special precautions for user	Not available	Not available	Not available
Additional information			

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

Not available.

### 15. Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Substances of very high concern

Carcinogen:

Mutagen:

Toxic to reproduction:

PBT:

vPvB:

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous



**substances, mixtures and articles**

Not applicable.

**Other EU regulations****Europe inventory**

Not determined.

**Integrated pollution prevention and control list (IPPC) - Air-**

Not listed

**Integrated pollution prevention and control list (IPPC) - Water-**

Not listed

**Aerosol dispensers** Not applicable.

**National regulations**

**Remark** This product has been classified in accordance with Dangerous Preparations Directive (1999/45/EC as amended).

**International regulations**

**15.2 Chemical Safety Assessment** This product contains substances for which Chemical Safety Assessments are still required.

This product is not classified according to EU legislation.

**16. Other information**

**Abbreviations and acronyms**

ATE = Acute Toxicity Estimate

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DNEL = Derived No Effect Level

EUH statement = CLP-specific Hazard statement

PNEC = Predicted No Effect Concentration

RRN = REACH Registration Number

**Key literature references and sources for data** The acute toxicity (LD50) of this mixture, as given in section 11, has been calculated using the Proportionality Method (Holland, G.H. (1994). Verification of a Mathematical Method for the Estimation of the Acute Ingestion Hazard of Detergent Preparations. Toxic in Vitro, Vol. 8 No. 6 pp1177 – 1183, Elsevier Science Limited, Wielka Brytania.)

**Full text of abbreviated R phrases** R38- Irritating to skin.

**Full text of classifications [DSD/DPD]** Xi - Irritant

**Date of printing** 28.09.2016

**Date of issueDate of revision** 28.09.2016

**Date of previous issue** 00.00.0000

**Reason:** Not applicable

**Version** 01

#### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named 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.