



## SAFETY DATA SHEET NESTE SHAMPOO

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

#### 1.1. Product identifier

Product name                    NESTE SHAMPOO  
Product number                ID 10752  
Internal identification        7591

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

Identified uses                Car chemical. Detergent.

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

Supplier                        Neste Markkinointi Oy  
Keilaranta 21, Espoo, P.O.B. 95, FIN-00095 NESTE, FINLAND  
Tel. +358 10 45811  
lubetec@neste.com

#### 1.4. Emergency telephone number

National emergency telephone number +358-9-471 977, +358-9-4711, Poison Information Centre number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards                Not Classified  
Health hazards                 Skin Irrit. 2 - H315 Eye Dam. 1 - H318  
Environmental hazards        Not Classified

#### 2.2. Label elements

##### Pictogram



Signal word                    Danger

Hazard statements            H315 Causes skin irritation.  
H318 Causes serious eye damage.

Precautionary statements   P102 Keep out of reach of children.  
P264 Wash contaminated skin 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 POISON CENTER/ doctor.

Contains                        hexyl D-glucoside, 2-Propylheptanoletoksylate, disodium metasilicate

#### 2.3. Other hazards

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

<b>Tetrapotassium pyrophosphate</b>		<b>&lt; 10 %</b>
CAS number: 7320-34-5	EC number: 230-785-7	REACH registration number: 01-2119489369-18-XXXX
<b>Classification</b> Eye Irrit. 2 - H319		
<b>hexyl D-glucoside</b>		<b>&lt; 5 %</b>
CAS number: 54549-24-5	EC number: 259-217-6	REACH registration number: 01-2119492545-29-XXXX
<b>Classification</b> Eye Dam. 1 - H318		
<b>2-Propylheptanoletoksylate</b>		<b>&lt; 3 %</b>
CAS number: 160875-66-1		
<b>Classification</b> Eye Dam. 1 - H318		
<b>Disodium metasilicate</b>		<b>&lt; 2 %</b>
CAS number: 6834-92-0	EC number: 229-912-9	REACH registration number: 01-2119449811-37-XXXX
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318 STOT SE 3 - H335		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Get medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms are severe or persist.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

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

**General information** Irritating to skin. Causes serious eye damage.

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

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**Notes for the doctor**                      Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**    Water spray, foam, dry powder or carbon dioxide.

**Unsuitable extinguishing media**                      Do not use water jet as an extinguisher, as this will spread the fire.

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

**Specific hazards**    None known.

**Hazardous combustion products**                      None known.

### 5.3. Advice for firefighters

**Protective actions during firefighting**                      Contain and collect extinguishing water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

**Special protective equipment for firefighters**                      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

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

**Personal precautions**    Wear suitable protective clothing as protection against splashing or contamination. Use only in well-ventilated areas.

**For emergency responders**                      Keep unnecessary and unprotected personnel away from the spillage.

### 6.2. Environmental precautions

**Environmental precautions**                      Stop leak if safe to do so. Avoid the spillage or runoff entering drains, sewers or watercourses.

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

**Methods for cleaning up**    Absorb spillage with non-combustible, absorbent material. Dispose of waste via a licensed waste disposal contractor.

### 6.4. Reference to other sections

**Reference to other sections**                      For personal protection, see Section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions**    Wear eye protection. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. For personal protection, see Section 8.

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

**Storage precautions**    Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at temperatures above 0°C.

### 7.3. Specific end use(s)

**Specific end use(s)**    Not known.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

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### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	All handling should only take place in well-ventilated areas. Provide eyewash station and safety shower.
<b>Eye/face protection</b>	Tight-fitting safety glasses.
<b>Hand protection</b>	Wear protective gloves. It is recommended that gloves are made of the following material: Nitrile rubber. Neoprene. Change protective gloves regularly.
<b>Other skin and body protection</b>	Wear appropriate clothing to prevent any possibility of skin contact.
<b>Respiratory protection</b>	If ventilation is inadequate, suitable respiratory protection must be worn.
<b>Environmental exposure controls</b>	Store in a demarcated bunded area to prevent release to drains and/or watercourses.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid. Clear.
<b>Colour</b>	Light (or pale). Yellow.
<b>Odour</b>	-
<b>Odour threshold</b>	-
<b>pH</b>	~ 13
<b>Melting point</b>	~ 0°C
<b>Initial boiling point and range</b>	~ 100°C
<b>Flash point</b>	-
<b>Flammability (solid, gas)</b>	-
<b>Upper/lower flammability or explosive limits</b>	-
<b>Vapour pressure</b>	-
<b>Vapour density</b>	-
<b>Relative density</b>	1,08
<b>Solubility(ies)</b>	Completely soluble in water.
<b>Partition coefficient</b>	log Pow 1,72 - 1,77 (Hexyl D-glucoside)
<b>Auto-ignition temperature</b>	-
<b>Decomposition Temperature</b>	-
<b>Viscosity</b>	-
<b>Explosive properties</b>	-
<b>Oxidising properties</b>	-

### 9.2. Other information

<b>Other information</b>	Not known.
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## NESTE SHAMPOO

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

#### 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** No potentially hazardous reactions known.

#### 10.4. Conditions to avoid

**Conditions to avoid** Avoid freezing.

#### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Strong alkalis.

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin. Vapours/aerosol spray may irritate the respiratory system.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

#### Respiratory sensitisation

**Respiratory sensitisation** Based on available data the classification criteria are not met.

#### Skin sensitisation

**Skin sensitisation** Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

**Genotoxicity - in vivo** Based on available data the classification criteria are not met.

#### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

#### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Based on available data the classification criteria are not met.

#### Aspiration hazard

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**Aspiration hazard** Based on available data the classification criteria are not met.

### Toxicological information on ingredients.

#### Tetrapotassium pyrophosphate

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 2000 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 7940 mg/kg, Dermal,

#### 2-Propylheptanoletoksylate

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 2000 - 5000 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> > 2000 - 5000 mg/kg, Dermal,

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> > 20 mg/l, Inhalation,

#### Disodium metasilicate

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> 1152-1349 mg/kg, Oral, Rat

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >5000 mg/kg, Dermal,

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> >2,06 mg/l, Inhalation,

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** The product is not expected to be hazardous to the environment. Based on available data the classification criteria are not met.

### Ecological information on ingredients.

#### Tetrapotassium pyrophosphate

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 100 mg/l, Oncorhynchus mykiss (Rainbow trout)  
LC<sub>50</sub>, : > 750 mg/l, Leuciscus idus (Golden orfe)

**Acute toxicity - aquatic invertebrates** LC<sub>50</sub>, 48 hours: > 100 mg/l, Daphnia magna

#### hexyl D-glucoside

##### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 100 mg/l, Oncorhynchus mykiss (Rainbow trout)

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 100 mg/l, Daphnia magna

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**Acute toxicity - aquatic plants**      EC<sub>50</sub>, 72 hours: > 100 mg/l, Scenedesmus subspicatus

**Acute toxicity - microorganisms**      EC<sub>50</sub>, 4 hours: > 1000 mg/l, Bacteria

### 2-Propylheptanoletoksylate

#### Acute aquatic toxicity

**Acute toxicity - fish**      LC<sub>50</sub>, 96 hours: 10 - 100 mg/l, Fish

**Acute toxicity - aquatic invertebrates**      EC<sub>50</sub>, 48 hours: 10 - 100 mg/l, Daphnia magna

**Acute toxicity - aquatic plants**      EC<sub>50</sub>, 72 hours: 10 - 100 mg/l, Algae

### Disodium metasilicate

#### Acute aquatic toxicity

**Acute toxicity - fish**      LC<sub>50</sub>, 96 hours: 210 mg/l, Brachydanio rerio (Zebra Fish)

#### Chronic aquatic toxicity

**Chronic toxicity - aquatic invertebrates**      EC<sub>50</sub>, 48 hours: 1700 mg/l, Daphnia magna

### 12.2. Persistence and degradability

**Persistence and degradability**      No data available.

**Biodegradation**      The substance is readily biodegradable.

Hexyl D-glucoside: > 70 %, Closed Bottle Test (OECD 301D)  
2-Propylheptanoethoxyate: > 60 %, Closed Bottle Test (OECD 301D)

### 12.3. Bioaccumulative potential

**Bioaccumulative potential**      The product is not bioaccumulating.

**Partition coefficient**      log Pow 1,72 - 1,77 (Hexyl D-glucoside)

### 12.4. Mobility in soil

**Mobility**      The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment**      No data available.

### 12.6. Other adverse effects

**Other adverse effects**      None known.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal methods**      Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Do not reuse empty containers.

## SECTION 14: Transport information

## NESTE SHAMPOO

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

### 14.1. UN number

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UN No. (ADR/RID) -

### 14.2. UN proper shipping name

Proper shipping name (ADR/RID) -

### 14.3. Transport hazard class(es)

ADR/RID class -

### 14.4. Packing group

ADR/RID packing group -

### 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 MARPOL and the IBC Code

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

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Commission Regulation (EU) No 2015/830 of 28 May 2015.  
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 (as amended).

### 15.2. Chemical safety assessment

No data available.

## SECTION 16: Other information

**Key literature references and sources for data** Regulations, databases, literature, own research.

**Revision comments** This is first issue. (new SDS software has been introduced)

**Revision date** 08/01/2018

**Supersedes date** 04/08/2015

**SDS number** 6009



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### **Hazard statements in full**

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.