

# NESTE OIL

## SAFETY DATA SHEET NESTE PIKAPESU

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

#### 1.1. Product identifier

Product name	NESTE PIKAPESU
Product number	ID 13487
Internal identification	7567

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

Identified uses	Car chemical. Detergent.
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#### 1.3. Details of the supplier of the safety data sheet

Supplier	Neste Markkinointi Oy Keilaranta 21, Espoo, P.O.B. 95, 00095 NESTE OIL, FINLAND Tel. +358 10 45811 Fax +358 10 45 84442 lubetec@neste.com
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#### 1.4. Emergency telephone number

National emergency telephone number	+358-9-471 977, +358-9-4711, Poison Information Centre/HUS, P.O.B 340 (Tukholmankatu 17) 00029 HUS (Helsinki, Finland)
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### SECTION 2: Hazards identification

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

##### Classification

Physical hazards	Not Classified
Health hazards	Eye Dam. 1 - H318
Environmental hazards	Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Pictogram



Signal word	Danger
Hazard statements	H318 Causes serious eye damage. H412 Harmful to aquatic life with long lasting effects.
Precautionary statements	P273 Avoid release to the environment. 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. P501 Dispose of contents/container in accordance with national regulations. P102 Keep out of reach of children.

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**Contains** Alcohols, C9-11 ethoxylated, < 2.5 EO

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>Alcohols, C9-11 ethoxylated, &lt; 2.5 EO</b>			<b>3 - 4 %</b>
CAS number: 68439-46-3	EC number: 614-482-0	REACH registration number: 01-2119980051-45-XXXX	

##### Classification

Acute Tox. 4 - H302  
Eye Dam. 1 - H318

##### Methyl laurate

			<b>&lt; 3,5 %</b>
CAS number: 111-82-0	EC number: 203-911-3	REACH registration number: 01-2119487989-06-XXXX	
M factor (Acute) = 1			

##### Classification

Skin Irrit. 2 - H315  
Eye Irrit. 2 - H319  
Aquatic Acute 1 - H400  
Aquatic Chronic 2 - H411

##### (2-methoxymethylethoxy)propanol

			<b>&lt; 2 %</b>
CAS number: 34590-94-8	EC number: 252-104-2	REACH registration number: 01-2119450011-60-XXXX	

##### Classification

Not Classified

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 if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting unless under the direction of medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

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

**General information** Causes serious eye irritation. May cause serious eye damage.

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

**Notes for the doctor** Treat symptomatically.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

**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** Not 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.

**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. All handling should only take place in well-ventilated areas. 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.

#### 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

##### (2-methoxymethylethoxy)propanol

(2-methoxymethylethoxy)propanol: 50 ppm (8h), 310 mg/m<sup>3</sup> (8h), HTP 2014/FIN, EU OELV (EC/2000/39)

May be absorbed through the skin.

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### 8.2. Exposure controls

<b>Appropriate engineering controls</b>	All handling should only take place in well-ventilated areas. Eye wash facilities and emergency shower must be available when handling this product.
<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: Neoprene. Nitrile rubber.
<b>Other skin and body protection</b>	Wear suitable protective clothing as protection against splashing or contamination.
<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.
<b>Colour</b>	Clear.
<b>Odour</b>	-
<b>Odour threshold</b>	-
<b>pH</b>	pH (diluted solution): 6,5 - 8,5; 1 %
<b>Melting point</b>	< 0°C
<b>Initial boiling point and range</b>	> 100 °C
<b>Flash point</b>	> 100°C
<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>	~ 0,95 @ 20°C
<b>Solubility(ies)</b>	Completely soluble in water.
<b>Partition coefficient</b>	log Pow: 2,4 (Alcohols, C9-11 ethoxylated, < 2,5 EO)
<b>Auto-ignition temperature</b>	-
<b>Decomposition Temperature</b>	-
<b>Viscosity</b>	Kinematic viscosity < 10 mm <sup>2</sup> /s @ 20°C Dynamic viscosity < 10 mPa s @ 20°C
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Other information</b>	Not known.
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## SECTION 10: Stability and reactivity

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### 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** None known.

### 10.5. Incompatible materials

**Materials to avoid** None known.

### 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.

#### Acute toxicity - oral

**ATE oral (mg/kg)** 12,500.0

#### Skin corrosion/irritation

**Skin corrosion/irritation** Based on available data the classification criteria are not met.,Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

#### 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

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

### Aspiration hazard

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

### Toxicological information on ingredients.

#### Alcohols, C9-11 ethoxylated, < 2.5 EO

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> > 300 -2000 mg/kg, Oral, Rat

**ATE oral (mg/kg)** 500.0

##### Acute toxicity - dermal

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

#### Methyl laurate

##### Acute toxicity - oral

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

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** Harmful to aquatic life with long lasting effects.

### Ecological information on ingredients.

#### Alcohols, C9-11 ethoxylated, < 2.5 EO

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 1 - 10 mg/l,

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: > 1 - 10 mg/l, Daphnia magna

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 72 hours: > 1 - 10 mg/l, Algae

#### (2-methoxymethylethoxy)propanol

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: > 1000 mg/l, Fish

**Acute toxicity - aquatic plants** EC<sub>50</sub>, 96 hours: 969 mg/l, Algae

### 12.2. Persistence and degradability

**Persistence and degradability** No data available.

**Biodegradation** The product is readily biodegradable.

### Ecological information on ingredients.

#### Alcohols, C9-11 ethoxylated, < 2.5 EO

**Biodegradation** > 60 % CO<sub>2</sub>, 28d (OECD 301B)

#### (2-methoxymethylethoxy)propanol

**Biodegradation** > 60% BOD, 28d (OECD 301F)

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### 12.3. Bioaccumulative potential

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

**Partition coefficient**              log Pow: 2,4 (Alcohols, C9-11 ethoxylated, < 2,5 EO)

### 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**      This product does not contain any substances classified as PBT or vPvB.

### 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

**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 MARPOL73/78 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

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### 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).

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

<b>Revision comments</b>	Revised classification.
<b>Revision date</b>	04/04/2016
<b>Supersedes date</b>	03/08/2015
<b>SDS number</b>	5639
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.