



# NIELSEN

## SAFETY DATA SHEET TRANSPORT 5000 PLUS

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

#### 1.1. Product identifier

Product name                    TRANSPORT 5000 PLUS  
Product number                000374/03

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

Identified uses                Cleaning agent.

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

Supplier                        NIELSEN CHEMICALS  
                                      RAWDON ROAD  
                                      MOIRA  
                                      SWADLINCOTE  
                                      DERBYSHIRE  
                                      DE12 6DA  
                                      TEL: +44 (0) 1283 222277  
                                      FAX: +44 (0) 1283 550621  
                                      info@nielsenchemicals.com

#### 1.4. Emergency telephone number

Emergency telephone        +44 (0) 777 8505 330

### SECTION 2: Hazards identification

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

##### Classification

##### Physical hazards

Met. Corr. 1 - H290

##### Health hazards

Skin Corr. 1A - H314 Eye Dam. 1 - H318

##### Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

C;R35.

#### 2.2. Label elements

##### Pictogram



Signal word                    Danger

##### Hazard statements

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.

##### Precautionary statements

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P234 Keep only in original container.  
 P260 Do not breathe vapour/spray.  
 P280 Wear protective gloves, eye and face protection.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 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.

**Contains**

SODIUM HYDROXIDE

**Detergent labelling**

< 5% non-ionic surfactants, < 5% EDTA and salts thereof, < 5% cationic surfactants, < 5% amphoteric surfactants, < 5% phosphonates

**Supplementary precautionary statements**

P260 Do not breathe vapour/spray.  
 P264 Wash contaminated skin thoroughly after handling.  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P321 Specific treatment (see medical advice on this label).  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.

**2.3. Other hazards**

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

**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

<b>SODIUM HYDROXIDE</b>	<b>1-5%</b>
CAS number: 1310-73-2 EC number: 215-185-5 REACH registration number: 01-2119457892-27	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Met. Corr. 1 - H290	C;R35
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
<b>(C9-11) ALKYL ALCOHOL ETHOXYLATE</b>	<b>1-5%</b>
CAS number: 68439-45-2 EC number: —	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Xn;R22. Xi;R41.
Eye Dam. 1 - H318	

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<b>Tetrasodium ethylenediaminetetraacetate</b> <span style="float: right;"><b>1-5%</b></span>	
CAS number: 64-02-8 EC number: 200-573-9 REACH registration number: 01-2119486762-27-xxxx	
<b>Classification</b> Acute Tox. 4 - H302 Acute Tox. 4 - H332 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R20/22. Xi;R41.
<b>DISODIUM METASILICATE</b> <span style="float: right;"><b>1-5%</b></span>	
CAS number: 6834-92-0 EC number: 229-912-9 REACH registration number: 01-2119449811-37	
<b>Classification</b> Met. Corr. 1 - H290 Skin Corr. 1B - H314 STOT SE 3 - H335	<b>Classification (67/548/EEC or 1999/45/EC)</b> C;R34 Xi;R37
<b>QUATERNARY AMMONIUM COMPOUNDS</b> <span style="float: right;"><b>1-5%</b></span>	
CAS number: 96690-44-7 EC number: 306-238-4 M factor (Acute) = 1	
<b>Classification</b> Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xn;R22. C;R34. N;R50.
<b>COCO AMIDO PROPYL BETAINE</b> <span style="float: right;"><b>1-5%</b></span>	
CAS number: — EC number: 931-296-8 REACH registration number: 01-2119488533-30-xxxx	
<b>Classification</b> Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R41.
<b>SODIUM SILICATE</b> <span style="float: right;"><b>&lt;1%</b></span>	
CAS number: 1344-09-8 EC number: 215-687-4	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	<b>Classification (67/548/EEC or 1999/45/EC)</b> Xi;R38,R41.
<b>PROPANE-1,2-DIOL</b> <span style="float: right;"><b>&lt;1%</b></span>	
CAS number: 57-55-6 EC number: 200-338-0 REACH registration number: 01-2119456809-23-XXXX	
<b>Classification</b> Not Classified	<b>Classification (67/548/EEC or 1999/45/EC)</b> -

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

##### Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.

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### Ingestion

Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.

### Skin contact

Rinse immediately with plenty of water. Get medical attention if irritation persists after washing.

### Eye contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

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

#### Inhalation

May cause respiratory system irritation.

#### Ingestion

May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

#### Skin contact

Prolonged contact may cause redness, irritation and dry skin.

#### Eye contact

Causes 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

Use fire-extinguishing media suitable for the surrounding fire.

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

#### Hazardous combustion products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### 5.3. Advice for firefighters

#### Protective actions during firefighting

No specific firefighting precautions known.

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## SECTION 6: Accidental release measures

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

#### Personal precautions

Take care as floors and other surfaces may become slippery.

### 6.2. Environmental precautions

#### Environmental precautions

Do not discharge into drains or watercourses or onto the ground.

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

#### Methods for cleaning up

Absorb spillage with inert, damp, non-combustible material. Flush contaminated area with plenty of water.

### 6.4. Reference to other sections

#### Reference to other sections

For personal protection, see Section 8.

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

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### Usage precautions

Avoid spilling. Avoid contact with skin and eyes.

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

### Storage precautions

Store at temperatures between 4°C and 40°C.

### 7.3. Specific end use(s)

#### Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

#### SODIUM HYDROXIDE

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 2 mg/m3

#### SODIUM SILICATE

Short-term exposure limit (15-minute): WEL 2 mg/m3

#### PROPANE-1,2-DIOL

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m3

WEL = Workplace Exposure Limit

#### SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Industry - Inhalation; Long term local effects: 1.0 mg/m3

#### Tetrasodium ethylenediaminetetraacetate (CAS: 64-02-8)

DNEL Industry - Inhalation; : 2.8 mg/m3  
Consumer - Inhalation; : 1.7 mg/m3  
Consumer - Oral; : 28.0 mg/kg/day

PNEC - Fresh water; 2.8 mg/l  
- Marine water; 0.28 mg/l  
- Intermittent release; 1.6 mg/l  
- STP; 57 mg/l  
- Soil; 0.95 mg/l

#### DISODIUM METASILICATE (CAS: 6834-92-0)

DNEL Industry - Dermal; Long term : 1.49 mg/kg/day  
Industry - Inhalation; Long term : 6.22 mg/m3  
Consumer - Dermal; Long term : 0.74 mg/kg/day  
Consumer - Inhalation; Long term : 1.55 mg/m3  
Consumer - Oral; Long term : 0.74

#### tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate (CAS: 51981-21-6)

DNEL Workers - Inhalation; Long term systemic effects: 7.3 mg/m3  
Workers - Dermal; Long term systemic effects: 15,000 mg/kg/day  
General population - Inhalation; Long term systemic effects: 1.8 mg/m3  
General population - Dermal; Long term systemic effects: 7,500 mg/kg/day  
General population - Oral; Long term systemic effects: 1.5 mg/kg/day

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### COCO AMIDO PROPYL BETAINE

DNEL	Industry - Dermal; Long term systemic effects: 12.5 Consumer - Dermal; Long term systemic effects: 7.5 mg/kg/day Industry - Inhalation; Long term systemic effects: 44 mg/m <sup>3</sup>
PNEC	- Fresh water; 0.0135 mg/l - STP; 300 mg/l - Soil; 0.8 mg/kg - Sediment (Marinewater); 0.1 mg/kg - Sediment (Freshwater); 1 mg/kg - Marine water; 0.00135 mg/l

### TETRASODIUM 1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONATE (CAS: 3794-83-0)

DNEL	Workers - Inhalation; Long term systemic effects: 16.9 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 10 mg/m <sup>3</sup> Workers - Inhalation; Short term systemic effects: 10 mg/m <sup>3</sup> Workers - Dermal; Long term systemic effects: 48 mg/kg/day General population - Inhalation; Long term systemic effects: 4.2 mg/m <sup>3</sup> General population - Inhalation; Long term local effects: 10 mg/m <sup>3</sup> General population - Inhalation; Short term local effects: 10 mg/m <sup>3</sup> General population - Dermal; Long term systemic effects: 24 mg/kg/day General population - Oral; Long term systemic effects: 2.1 mg/kg/day
PNEC	- Fresh water; 0.134 mg/l - Marine water; 0.014 mg/l - STP; 580 mg/l - Sediment (Freshwater); 59 mg/kg - Sediment (Marinewater); 5.9 mg/kg - Soil; 41 mg/kg

### PROPANE-1,2-DIOL (CAS: 57-55-6)

DNEL	Industry - Inhalation; Long term systemic effects: 168 mg/m <sup>3</sup> Consumer - Inhalation; Long term systemic effects: 50 mg/m <sup>3</sup> Industry - Inhalation; Long term local effects: 10 mg/m <sup>3</sup> Consumer - Inhalation; Long term local effects: 10 mg/m <sup>3</sup>
PNEC	- Fresh water; 260 mg/l - Marine water; 26 mg/l - STP; 20000 mg/l - Sediment (Freshwater); 572 mg/kg - Sediment (Marinewater); 57.2 mg/kg - Soil; 50 mg/kg - Intermittent release; 183 mg/l

## 8.2. Exposure controls

### Protective equipment



#### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles.

#### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. Wear protective gloves made of the following material: Rubber (natural, latex). Neoprene. Polyvinyl chloride (PVC).

#### Other skin and body protection

Wear apron or protective clothing in case of contact.

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### Hygiene measures

Wash hands after handling.

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## SECTION 9: Physical and Chemical Properties

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

#### Appearance

Liquid.

#### Colour

Colourless. to Straw.

#### Odour

Mild.

#### pH

pH (concentrated solution): >11.5

#### Relative density

1.090 @ 20°C

#### Solubility(ies)

Completely soluble in water.

### 9.2. Other information

#### Other information

Not determined.

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## SECTION 10: Stability and reactivity

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### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

#### Stability

Stable at normal ambient temperatures.

### 10.3. Possibility of hazardous reactions

Not applicable.

### 10.4. Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

### 10.5. Incompatible materials

#### Materials to avoid

No specific material or group of materials is likely to react with the product to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

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## SECTION 11: Toxicological information

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### 11.1. Information on toxicological effects

#### Acute toxicity - oral

##### ATE oral (mg/kg)

19,509.4035325

#### Skin corrosion/irritation

##### Extreme pH

≥ 11.5 Corrosive to skin.

#### Serious eye damage/irritation

Corrosive to skin. Corrosivity to eyes is assumed. No testing is needed.

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### Inhalation

Irritating to respiratory system.

### Ingestion

Causes severe burns.

### Skin contact

Causes severe burns.

### Eye contact

Causes severe burns.

### Acute and chronic health hazards

Causes severe burns.

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## SECTION 12: Ecological Information

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### Ecotoxicity

Not regarded as dangerous for the environment.

#### 12.1. Toxicity

##### Acute toxicity - fish

Not determined.

#### 12.2. Persistence and degradability

##### Persistence and degradability

The product is expected to be biodegradable.

#### 12.3. Bioaccumulative potential

The product is not bioaccumulating.

#### 12.4. Mobility in soil

##### Mobility

The product is soluble in water.

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

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

#### 12.6. Other adverse effects

Not applicable.

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## SECTION 13: Disposal considerations

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#### 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.

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## SECTION 14: Transport information

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#### 14.1. UN number

UN No. (ADR/RID)	1760
UN No. (IMDG)	1760
UN No. (ICAO)	1760

#### 14.2. UN proper shipping name

Proper shipping name (ADR/RID)	CORROSIVE LIQUID, N.O.S. (sodium hydroxide)
Proper shipping name (IMDG)	CORROSIVE LIQUID, N.O.S. (sodium hydroxide)



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**Proper shipping name (ICAO)** CORROSIVE LIQUID, N.O.S. (sodium hydroxide)

**Proper shipping name (ADN)** CORROSIVE LIQUID, N.O.S. (sodium hydroxide)

**14.3. Transport hazard class(es)**

**IMDG class** 8

**ICAO class/division** 8

**Transport labels****14.4. Packing group**

**ADR/RID packing group** II

**IMDG packing group** II

**ICAO packing group** II

**14.5. Environmental hazards**

**Environmentally hazardous substance/marine pollutant**

No.

**14.6. Special precautions for user**

**Tunnel restriction code** (E)

**14.7. Transport in bulk according to Annex II of MARPOL73/78 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**

Commission Regulation (EU) No 453/2010 of 20 May 2010. 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****SECTION 16: Other information**

**Revision date** 23/04/2015

**Revision** 3.0

**Supersedes date** 23/04/2012

**Risk phrases in full**

NC Not classified.

R20/22 Harmful by inhalation and if swallowed.

R22 Harmful if swallowed.

R34 Causes burns.

R35 Causes severe burns.

R37 Irritating to respiratory system.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R50 Very toxic to aquatic organisms.

**Hazard statements in full**

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- H290 May be corrosive to metals.
- H302 Harmful if swallowed.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H412 Harmful to aquatic life with long lasting effects.

### **Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.