

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name BPS 7111

Article No. 7111

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

Product type cleaning agent

1.3 Details of the supplier of the safety data sheet

Manufacturer Trion Tensid AB

Street address Svederusgatan 1-3
SE-754 50 Uppsala

Telephone +46 18 15 61 90

Fax +46 18 69 66 27

Email info@trion.se

1.4 Emergency telephone number

Available outside office hours Yes

Emergency phone number 911 / 112

Other

Contact person: William Stomilovic
Email: william.stomilovic@trion.se

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008, Annex VI

Classification Skin corrosion, hazard category 1B

Hazard statements H314

2.2 Label elements

GHS labeling of the substance (in accordance with Regulation (EC) No 1272/2008, Annex VI)

Pictogram



Signal word Danger

Hazard statements

H314 Causes severe skin burns and eye damage.

Precaution statements

P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301 + P330 + P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
 P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304 + P340 Remove victim to fresh air and keep at rest in a position 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 or /doctor/physician
 P363 Wash contaminated clothing before reuse.
 P405 Store locked up.

2.3 Other hazards

Not applicable

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**3.2 Mixtures**

Chemical name	CAS No. EC No. REACH No.	Concentration	Classification	H-phrase
(C12-16) Alkyldimethylbenzylammonium chloride	68424-85-1 270-325-2 02- 2119621900- 48-	<10%	Aquatic Acute 1, Skin Corr. 1B, Acute Tox. 4 - oral, Acute Tox. 4 - dermal	H302, H312, H314, H400
Sodium hydroxide	- - -	<0,1%	Skin Corr. 1A	H314

Substance additional information

For the full text of the H phrases mentioned in this Section, see Section 16.

SECTION 4. FIRST AID MEASURES**4.1 Description of first aid measures****Skin contact**

Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes and continue rinsing.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms persist, call a physician.

Ingestion

If the injured person is fully conscious, give him/her a couple of glasses of milk or water immediately. Do not induce vomiting. Contact a doctor if more than an insignificant amount has been swallowed.

4.2 Most important symptoms and effects, both acute and delayed

The product contains corrosive substances. Corrosive substances cause damage to the eyes and corrode the skin.

4.3 Indication of any immediate medical attention and special treatment needed

Ensure that eyewash stations and safety showers are close to the workstation location.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media carbon dioxide (CO₂), dry chemical or Diffuse jet of water.

5.2 Special hazards arising from the substance or mixture

In the event of fire, smoke and toxic degradation products can be formed. Exposure to degradation products can constitute a health hazard.

5.3 Advice for firefighters

Special protective equipment for fire-fighters Wear full protective equipment, including breathing apparatus. Containers in the vicinity of fire should be moved immediately or cooled with water.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear suitable protective equipment see section 8

6.2 Environmental precautions

Prevent large discharges to drains. Bank up and collect. Collect in a suitable container that is approved for this purpose.

6.3 Methods and material for containment and cleaning up

Wear as appropriate: sand, Kieselguhr, or Sawdust.

6.4 Reference to other sections

Use protective equipment as specified in section 8 of SDS. See waste in section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Preventive handling precautions Avoid skin and eye contact, as well as contact with clothing. Store in the original container to avoid contamination.

7.2 Conditions for safe storage, including any incompatibilities

The package must be stored sealed and in a cool location. Can react with acids and oxidising substances.

7.3 Specific end use(s)

This product should only be used for those uses described in section 1.2

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

National occupational exposure limits

Ingredient	CAS no.	EC No.	Exposure limit mg/m ³ -ppm		Short-term exposure limit mg/m ³ -ppm		Remark	Source	Year
Sodiumhydroxide	1310-73-2	215-185-5	-	-	2	-	-	EH40/2005 Workplace exposure limits	-

8.2 Exposure controls

Eye / face protection

Wear eye/face protection.

Safety gloves

Wear protective gloves made of nitrile rubber, butylrubber or natural rubber. When handling chemicals, only CE marked chemical-resistant gloves may be used.

Other skin protection

Wear suitable protective clothing. Wash clothing before reuse.

Respiratory protection

Breathing protection is not normally required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance, colour

Slightly yellowish

Appearance, physical state

Not applicable

Auto-ignition temperature

Not applicable

Decomposition temperature

Not applicable

Density

1020 kg/m³

Evaporation rate

Not applicable

Explosive properties

Not applicable

Flammability (solid, gas)

Not applicable

Flash point

Not applicable

Form

Liquid

Initial boiling point and boiling range

Not applicable

Melting point / freezing point

Not applicable

Odour

Not applicable

Odour treshold

Not applicable

Oxidising properties

Not applicable

Partition coefficient: n-octanol / water

Not applicable

pH in solution

~10

pH value	Not applicable
Relative density	Not applicable
Solubility	Not applicable
Solubility in water	100 %
Upper / lower flammability or explosive limits	Not applicable
Vapour density	Not applicable
Vapour pressure	Not applicable
Viscosity	Not applicable

9.2 Other information

Not applicable

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Reacts with strong acids.

10.2 Chemical stability

Stable.

10.3 Possibility of hazardous reactions

Not applicable

10.4 Conditions to avoid

Not applicable

10.5 Incompatible materials

Can react with acids and oxidising substances. Reacts with strong acids.

10.6 Hazardous decomposition products

No harmful degradation products during normal handling.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

The product has a low toxicity, which means that the risk of injury during normal handling is small.

Acute toxicity	Ingestion of large amounts can result in: nausea, vomiting and stomach pains.
Serious eye damage / irritation	Causes serious eye irritation.
Irritation	Repeated or prolonged skin contact can result in: Skin irritation. Inhalation of aerosol may cause irritation to the upper respiratory tract.

SAFETY DATA SHEET
BPS 7111

Version number: 4

Replaces SDS: 2015-06-01

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Corrosive effects	Not relevant.
Sensitisation	Repeated or prolonged skin contact can result in: dermatitis and Sensitisation.
Mutagenicity	Not applicable
Carcinogenicity	Not applicable
Repeated dose toxicity	Not applicable
Reproductive toxicity	Not applicable
LD50 Oral	(C12-16) Alkyldimethylbenzylammonium chloride (rat): 426 mg/kg.
LD50 Dermal	(C12-16) Alkyldimethylbenzylammonium chloride (rat): 1420 mg/kg.
Toxicity in case of inhalation	

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

Toxic to aquatic organisms.

Acute fish toxicity	Sodiumhydroxide (LC50): (96 h) 45 mg/l.
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Acute crustacean toxicity	Sodiumhydroxide (EC50): (48 h) 30 mg/l.
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12.2 Persistence and degradability

The product is easily biodegradable.

12.3 Bioaccumulative potential

Bio-accumulation is unlikely. .

12.4 Mobility in soil

Not applicable

12.5 Results of PBT and vPvB assessment

Not applicable

12.6 Other adverse effects

Not applicable

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal considerations	Do not attempt to refill or clean the package. Emptied and cleaned packages can be recycled or incinerated. The company is affiliated to REPA.
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Other

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The waste code (EWC) is a recommendation. In the event of non-compliant handling, the end user is personally responsible for a suitable EWC code.

Waste management	The Waste Regulations 2011 No. 988 H4 Irritant: substances and preparations that are not corrosive, but that can cause inflammation in the event of direct, prolonged or repeated contact with the skin or mucous membranes.
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Waste code (EWC)	20 01 29* Detergents that contain hazardous substances.
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SECTION 14. TRANSPORT INFORMATION

14.1 UN number

1760

14.2 UN proper shipping name

Name	Corrosive liquid, n.o.s. ((C12-16) Alkyldimethylbenzylammonium chloride)
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IMDG proper shipping name	Corrosive liquid, n.o.s. ((C12-16) Alkyldimethylbenzylammonium chloride)
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14.3 Transport hazard class(es)

Label	8
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ADR / RID Class	8
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ADR / RID Classification code	C9
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ADR / RID hazard identification number	80
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IMDG Class	8
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IMDG EmS	F-A, S-B
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IATA Class	8
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14.4 Packing group

II

14.5 Environmental hazards

Not applicable

14.6 Special precautions for user

Tunnel restriction code: 2 (E)

14.7 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 regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council, (REACH). European Parliament and Council Regulation (EC) No. 1272/2008, CLP.
 Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Annex II SDS.
 Regulation (EC) No 648/2004 of the European Parliament and of the council on detergents.

National regulations

EH40/2005 Workplace exposure limits
 Waste Ordinance (2011:927).
 MSBFS 2015:1 Regulations regarding the transport of hazardous goods by road and off road (ADR-S)

15.2 Chemical safety assessment

Not applicable

SECTION 16. OTHER INFORMATION**Changes to previous revision**

Changes are made in the following sections: 14, 16

References to key literature and data sources

Regulation (EC) No 1907/2006 of the European Parliament and of the Council, (REACH).
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council.
 Commission Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). Annex II SDS.
 Regulation (EC) No 648/2004 of the European Parliament and of the council on detergents.
 Waste Ordinance (2011:927).
 EH40/2005 Workplace exposure limits www.prevent.se
 C&L Inventory database
 Information also obtained from the constituent substances' safety data sheets.

Phrase meaning

Acute Tox. 4 - dermal - Acute toxicity, dermal, hazard category 4
 Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
 Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1
 Skin Corr. 1A - Skin corrosion, hazard category 1A
 Skin Corr. 1B - Skin corrosion, hazard category 1B
 H302 - Harmful if swallowed.
 H312 - Harmful in contact with skin.
 H314 - Causes severe skin burns and eye damage.
 H400 - Very toxic to aquatic life.