

# SAFETY DATA SHEET


(in accordance with Regulation (EC) No. 1907/2006, as amended by Regulation (EU) 2015/873)



Trade name: **PUREX K**  
Date of revision in CZ: **3.2.2019**  
Replaces version: **3.0**

Version: 4.0  
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<b>SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking</b>	
<b>1.1</b>	<b>Product Identifier</b>
	Trade name of mixture: <b>PUREX K</b>
<b>1.2</b>	<b>Relevant Identified Uses of the Substance or Mixture and Uses Advised Against</b>
	Recommended purpose of use: Washing of combi-ovens, grills and ovens by spraying the application solution. The product is intended for professional use.
	Uses advised against: Not specified
<b>1.3</b>	<b>Details of the Supplier of the Safety Data Sheet</b>
	Name/trade name of producer: <b>MPD plus, s.r.o.</b>
	Company/enterprise address: <b>Nábřeží Dr. Beneše 2307, 269 01 Rakovník, CZ</b>
	Identification number: 475 496 37
	Telephone: <b>+ 420 313 513 961</b>
	Responsible person: Ing. Zdeněk Fišer fiser.z@mpd.cz
	www: www.mpd.cz
<b>1.4</b>	<b>Emergency Telephone Number</b>
	Emergency telephone number for the entire Czech Republic: Non-stop 224919293 or 22491 5402 or 22491 4575
	Address: Toxicological Information Centre, Na Bojišti 1, 128 08 Prague 2, occupational disease clinic

<b>SECTION 2: Hazard Identification</b>	
<b>2.1</b>	<b>Classification of the Substance or Mixture</b>
	Skin Corr 1B, H314; Eye Dam.1, H318
<b>2.1.1</b>	<b>Full Hazard Statements and EUH Hazard Statements:</b> see SECTION 16.
<b>2.2</b>	<b>Label Elements</b> In accordance with Regulation (EC) No. 1272/2008 (CLP):
	Hazard warning symbols
	
	<b>Signal word:</b> Danger
	<b>Standard Hazard Statements</b>
	H314 Causes severe skin burns and eye damage
	<b>Precautionary Statements</b>
	P262 Do not get in eyes, on skin, or on clothing.
	P280 Wear protective gloves/protective clothing/eye protection/face protection.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P301+P330+P331 IF SWALLOWED: rinse mouth with water. Do NOT induce vomiting.
	P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

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		Rinse skin with water
	P312	Call a POISON CENTER or a doctor if you feel unwell.
<b>Supplementary Information</b>		
Hazard statements (EUH)	Not used.	
<b>Composition According to:</b>		
Regulation (EC) No. 1272/2008	Mixture contains: sodium hydroxide	
Regulation (EC) No. 648/2004	Mixture contains: < 5 % anionic surfactants, d-limonene	
Act No. 324/2016 Coll.	Mixture is not classified as biocidal product	
<b>2.3</b>	<b>Other Hazards</b>	
	<p>there is a risk of serious damage to the eyes, skin and mucous membrane. Effects on the eyes can lead to blindness or permanent damage to the cornea. If swallowed, the concentrated preparation can cause serious damage to the digestive tract The product does not contain substances classified as PBT and vPvB.</p> <p>According to Regulation (EC) No. 1272/2008, the mixture is not classified as hazardous to the environment or hazardous to aquatic life, with lasting effects.</p>	

<b>3.</b>	<b>Composition/Information on Ingredients</b>			
<b>3.2</b>	<b>Mixtures</b>			
	<b>Chemical name of ingredient</b>	<b>Weight [%] content</b>	<b>Identification numbers</b>	<b>Classification in accordance with Regulation (EC) No. 1272/2008 (CLP)</b>
	Sodium alkylethersulphate	< 5	Registration Index CAS EC 01-2119488639-16 - 68891-38-3 500-234-8	Skin Irrit. 2, H315; Eye Dam. 1, H318 Aquatic Chronic 3, H412; (c: Eye Irrit. 2; H319: 5 %<C < 10% Eye dam. 1; H318; C>10%)
	2- (2-butoxyethoxy) ethanol; Butyl digylcol <sup>(1)</sup>	< 5	Registration Index CAS EC 01-2119475104-44 603-096-0-8 112-34-5 203-961-6	Eye Irrit. 2; H319.
	Sodium Hydroxide	< 2	Registration Index CAS EC 01-2119457892-27 011-002-00-6 1310-73-2 215-185-5	Skin Corr. 1A H314 (c: Skin Corr. 1B; H314: 2% ≤ C < 5% Skin Corr. 1A; H314: C ≥ 5% Skin Irrit. 2; H315: 0,5% ≤ C < 2% Eye Irrit. 2; H319: 0,5% ≤ C < 2%) Met Corr 1; H290

You can find the full H phrases in section 16

<sup>(1)</sup> The exposure limits for this substance are set by CZ Government Regulation No. 361/2007 Coll. and are stated in Section 8 of this safety data sheet.

c = specific concentration limit – Annex VI to Regulation (EC) No. 1272/2008.

d = specific concentration limit – stated in registration documentation.

M = multiplication factor.

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<b>SECTION 4: First Aid Measures</b>	
<b>4.1</b>	<b>Description of First Aid Measures</b>
	General measures: In case of unconsciousness, put the affected person into recovery position on their side with their head slightly tilted back, do not administer anything through the mouth, prevent hypothermia and seek medical help. If serious health problems appear, if you are in doubt or in case of unconsciousness, call medical help and provide them information from this safety data sheet.
	If inhaled: Bring the affected person to fresh air and ensure them physical and mental rest. Do not allow them to become hypothermic. Provide artificial respiration in case of pulmonary arrest or irregular breathing. Seek medical help if irritation or other overall symptoms persist.
	If on skin: Immediately take off all contaminated clothing. Wash the affected areas of skin with water.
	If in eyes: Rinse the eyes with large amounts of, if possible, lukewarm flowing water for at least 15 minutes with eyelids forced open and seek medical help.
	If ingested: Put the affected person to rest. Rinse their mouth with water (only if the affected person is conscious), do not induce vomiting. Immediately seek medical help and show this marking or label.
	Other information: Treatment is symptomatic.
<b>4.2</b>	<b>Most Important Symptoms and Effects, Both Acute and Delayed</b>
	Acute symptoms of skin irritation: Are depended on exposure time
	Delayed symptoms: Skin irritation
<b>4.3</b>	<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>
	Stated in subsections 4.1 and 4.2.

<b>SECTION 5: Firefighting Measures</b>	
<b>5.1</b>	<b>Extinguishing Media</b>
	Suitable extinguishing media: The mixture is not flammable. The fire-fighting procedure is based on the nature of the fire in the vicinity.
	Unsuitable extinguishing media: Are not determined
<b>5.2</b>	<b>Special Hazards Arising from the Substance or Mixture</b>
	Toxic gases may be released during a fire. Inhaling the fumes from a fire (e.g. carbon monoxide, carbon dioxide) may cause serious damage to health.
<b>5.3</b>	<b>Advice for Firefighters</b>
	Use suitable respiratory protection (insulated breathing apparatus) or all-body protection during a fire.

<b>SECTION 6: Accidental Release Measures</b>	
<b>6.1</b>	<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>
	Use personal protective equipment. Ensure ventilation. Proceed in accordance with instructions from sections 7 and 8.
<b>6.2</b>	<b>Environmental Precautions</b>
	Prevent larger-scale release of concentrate into the environment, particularly into water streams.

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<b>6.3</b>	<b>Methods and Material for Containment and Cleaning Up</b>
	For larger amounts, remove mechanically, dust with absorptive material (sand, kieselguhr, special sorbents), deposit in suitable container and dispose of as hazardous waste (N 200113). For smaller amounts, wash down with large amounts of water.
<b>6.4</b>	<b>Reference to Other Sections</b>
	Disposal as hazardous waste (section 13).

<b>SECTION 7: Handling and Storage</b>	
<b>7.1</b>	<b>Precautions for Safe Handling</b>
	Prevent contact with skin or eyes. Use personal protective equipment in accordance with section 8 and follow the work and safety regulations. Ensure adequate ventilation of the work area. Keep the work area clean.
<b>7.2</b>	<b>Conditions for Safe Storage, Including Any Incompatibilities</b>
	Store in original tightly shut containers, in vertical position to prevent leakage. Store in a dry environment, in well-ventilated rooms at temperature of + 5 to + 25 °C. Protect against heat, direct sunlight and effects of weather. Follow the instructions stated on the product's label. Store separately from foodstuffs, drinks and feed.
<b>7.3.</b>	<b>Specific End Use(s)</b>
	Washing of combi-ovens, grills, pans and ovens from greasy soil and burns.

<b>SECTION 8: Exposure Controls/Personal Protection</b>				
<b>8.1</b>	<b>Control Parameters</b>			
<b>8.1.1</b>	<b>Exposure Limits According to Government Regulation No. 361/2007/CZ Coll., as Amended</b>			
	<b>Chemical name</b>	<b>CAS number</b>	<b>PEL [mg.m<sup>-3</sup>]</b>	<b>NPK-P [mg.m<sup>-3</sup>]</b>
	Sodium hydroxide	1310-73-2	1	2
	Butyl diglycol	112-34-5	70,0	100,0
	When used in accordance with instructions, no chemical substances are prescribed for monitoring			
<b>8.1.2</b>	<b>Biological Exposure Limits According to Decree No. 432/2003/CZ Coll.</b>			
	Not specified			
<b>8.1.3</b>	<b>Other Limits – DNEL and PNEC Values</b>			
<b>Mixture</b>				
	<b>DNEL</b>	not available		
	<b>PNEC</b>	not available		
<b>Substance name</b>	<b>Sodium Alkylethersulphate</b>			
<b>CAS number</b>	68891-38-3			
<b>DNEL</b>	workers			
<b>Exposure route</b>	Short-term exposure, local effects	Short-term exposure, system effects	Long-term exposure, local effects	Long-term exposure, system effects
Oral (mg/kg/day)	not available	not available	not available	not available

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Inhalational (mg/m <sup>3</sup> )	not available	not available	not available	175
Dermal (mg/kg/day)	not available	not available	not available	2750
<b>DNEL</b>	users			
Exposure route	Short-term exposure, local effects	Short-term exposure, system effects	Long-term exposure, local effects	Long-term exposure, system effects
Oral (mg/kg/day)	not available	not available	not available	15
Inhalational (mg/m <sup>3</sup> )	not available	not available	not available	52
Dermal (mg/kg/day)	not available	not available	not available	1650
<b>PNEC</b>				
drinking water (mg/l)	0,24			
sea water (mg/l)	0,024			
sporadic release (mg/l)	Not available			
drinking water sediment (mg/kg/day)	Not available			
sea water sediment (mg/kg/day)	Not available			
soil (mg/kg/day)	0,946			
sewage treatment plant (mg/l)	10000			
<b>Substance name</b>	<b>Sodium hydroxide</b>			
<b>CAS number</b>	1310-73-2			
<b>DNEL</b>	workers			
Exposure route	Short-term exposure, local effects	Short-term exposure, system effects	Long-term exposure, local effects	Long-term exposure, system effects
Oral (mg/kg/day)	not available	not available	not available	not available
Inhalational (mg/m <sup>3</sup> )	not available	not available	1	not available
Dermal (mg/kg/day)	not available	not available	not available	not available
<b>DNEL</b>	users			
Exposure route	Short-term exposure, local effects	Short-term exposure, system effects	Long-term exposure, local effects	Long-term exposure, system effects
Oral (mg/kg/day)	not available	not available	not available	not available
Inhalational (mg/m <sup>3</sup> )	not available	not available	1	not available
Dermal (mg/kg/day)	not available	not available	not available	not available
<b>PNEC</b>				
drinking water (mg/l)	not available			
sea water (mg/l)	not available			
sporadic release (mg/l)	not available			
drinking water sediment (mg/kg/day)	not available			
sea water sediment (mg/kg/day)	not available			
soil (mg/kg/day)	not available			
sewage treatment plant (mg/l)	not available			
<b>Substance name</b>	<b>2-(2-butoxyethoxy)-ethanol</b>			
<b>CAS number</b>	112-34-5			
<b>DNEL</b>	workers			

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Exposure route	Short-term exposure, local effects	Short-term exposure, system effects	Long-term exposure, local effects	Long-term exposure, system effects
Oral (mg/kg/day)	not available	not available	not available	not available
Inhalational (mg/m <sup>3</sup> )	not available	not available	not available	67,5
Dermal (mg/kg/day)	not available	not available	not available	83
<b>DNEL</b>				
users				
Exposure route	Short-term exposure, local effects	Short-term exposure, system effects	Long-term exposure, local effects	Long-term exposure, system effects
Oral (mg/kg/day)	not available	not available	not available	5
Inhalational (mg/m <sup>3</sup> )	not available	not available	Not available	40,5
Dermal (mg/kg/day)	not available	not available	not available	50
<b>PNEC</b>				
drinking water (mg/l)	1,1			
sea water (mg/l)	0,11			
sporadic release (mg/l)	11			
drinking water sediment (mg/kg/day)	4,4			
sea water sediment (mg/kg/day)	0,44			
soil (mg/kg/day)	0,32			
sewage treatment plant (mg/l)	200			
<b>8.2</b>	<b>Exposure Controls</b>			
<b>8.2.1.</b>	<b>Appropriate Engineering Controls</b>			
	Ventilation, extraction of sources of vapours. Ensure and check tightness of apparatus. Follow usual preventive measures when handling chemicals. Do not eat, drink or smoke during work. Wash your hands with warm water and soap after work and apply regenerating cream. Prevent the mixture from coming into contact with eyes or skin. Set of preventative and protective measures is stated in section 7 of this safety data sheet.			
<b>8.2.2</b>	<b>Individual Protection Measures, Such as Personal Protective Equipment</b>			
	Eye/face protection:	Protective glasses, face mask (primarily for handling concentrate) in accordance with ČSN EN 166.		
	Skin protection:	hand protection	Gloves (e.g. butyl rubber, polyvinyl chloride 0.5 mm) in accordance with ČSN EN 374.	
		other protection	Work clothes, work apron in accordance with ČSN 14605+A1.	
	Respiratory protection:	Not needed. If necessary, choose in accordance with ČSN EN 14387+A1.		
	Thermal hazards	None if used according to instructions.		
<b>8.2.3</b>	<b>Environmental Exposure Controls</b>			
	Do not pour into water or soil and do not pour a large amount of concentrate into sewerage. Clean containers of pollution during work, store containers stably, prevent overturning of unsecured containers.			

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

Appearance	Liquid, yellowish
Odour	Specific after raw materials
Odour threshold	Not determined.

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	pH	About 11,5 (20 °C, 1% roztok)
	Melting point	< 0 °C.
	Boiling point / range	Ca 100 °C
	Flashpoint	According to ISO EN 2592 not determined
	Evaporation speed	Not determined
	Flammability	Mixture is not flammable
	Explosion limits	Not specified
	Vapour pressure	Not determined.
	Vapour density	Not determined.
	Relative density	1,00 g.cm <sup>-3</sup> , 20 °C.
	Solubility	Unlimited solubility in water, 20 °C.
	n-octanol/water partition coefficient	Not determined.
	Spontaneous ignition temperature	Not determined
	Decomposition temperature	Not determined. Above boiling point.
	Viscosity	Not determined.
	Explosive properties	Not explosive
	Oxidising properties	No oxidising properties
<b>9.2</b>	<b>Other Information</b>	Not specified

## SECTION 10: Stability and Reactivity

<b>10.1</b>	<b>Reactivity</b>
	Alkali mixture reacts with acids, dissolves light metals (Al, Zn), releases hydrogen
<b>10.2</b>	<b>Chemical Stability</b>
	The mixture is stable provided the conditions for safe storage and handling are met.
<b>10.3.</b>	<b>Possibility of Hazardous Reactions</b>
	Mainly with strong acids (exothermic reactions)
<b>10.4</b>	<b>Conditions to Avoid</b>
	Temperature above 25 °C, direct sunlight and thermal radiation affect the homogeneity and colour of the product.
<b>10.5</b>	<b>Incompatible Materials</b>
	The product must not come into contact with reducing substances. Hydrogen is released by reaction with light metals (Al, Zn)
<b>10.6.</b>	<b>Hazardous Decomposition Products</b>
	Carbon and nitrogen oxides, only during a fire.

## SECTION 11: Toxicological Information

<b>11.1</b>	<b>Information on Toxicological Effects</b>	
	<b>Chemical name</b>	<b>Acute toxicity</b>
Acute toxicity of mixture components	Sodium laurylether sulphate	LD <sub>50</sub> , orally, rat: >15000 mg.kg <sup>-1</sup> . LD <sub>50</sub> , dermally, rat or rabbit: >3658 mg.kg <sup>-1</sup>
	Sodium hydroxide	LD <sub>50</sub> , orally, rat: 325 mg.kg <sup>-1</sup> LD <sub>50</sub> , dermally, rabbit: 1350 mg.kg <sup>-1</sup> LD <sub>50</sub> , orally, rabbit: 500 mg.kg <sup>-1</sup>



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	d-limonene	LD <sub>50</sub> , orally: >4000 mg.kg <sup>-1</sup>
	Butyl diglycol	LD <sub>50</sub> , orally, rat: >2000 mg.kg <sup>-1</sup> LD <sub>50</sub> , dermally, rabbit: >2000 mg.kg <sup>-1</sup>
Acute toxicity of mixture	Acute toxicity estimate ATE <sub>mixture</sub> based on assessment of ingredients is: -orally > 2,000 mg.kg <sup>-1</sup> -dermally > 2,000 mg.kg <sup>-1</sup> -by inhalation > 5 mg.l <sup>-1</sup>	
Skin corrosion/irritation	Mixture is corrosive to skin and mucous membrane	
Serious eye damage/irritation	It causes serious damage to the eyes, which can lead to blindness or to permanent damage of cornea.	
Respiratory/skin sensitisation	Based on available data, the classification criteria are not met.	
Germ cell mutagenicity	Based on available data, the classification criteria are not met.	
Carcinogenicity	Based on available data, the classification criteria are not met.	
Reproductive toxicity	Based on available data, the classification criteria are not met.	
Specific target organ toxicity – single exposure	Based on available data, the classification criteria are not met.	
Specific target organ toxicity – repeated exposure	Based on available data, the classification criteria are not met.	
Aspiration hazard	Based on available data, the classification criteria are not met. Inhalation of aerosol can cause damage of upper respiratory tract	
Classification of the mixture	The mixture was classified and assessed in accordance with procedures stated in Regulation (EC) No. 1272/2008. (Via calculation method). Not tested on animals.	

## SECTION 12: Ecological Information

### 12.1 Toxicity

	Chemical name	Tested parameter: acute toxicity (AT), chronic toxicity (CHT)
Toxicity of mixture components	Sodium laurylether sulphate	AT, fishes: LC <sub>50</sub> , 96 h: 7,1 mg.l <sup>-1</sup> . AT, invertebrates: EC <sub>50</sub> , Daphnia sp., 48 h: 7,4 mg.l <sup>-1</sup> . CHT,NOEC invertebrates: 0,27 mg.l <sup>-1</sup> .
	Sodium hydroxide	AT, fishes: LC <sub>50</sub> , Cyprinus carpio, 24 h: 180 mg.l <sup>-1</sup> . AT, invertebrates: EC <sub>50</sub> , Daphnia sp., 48 h: 40,4 mg.l <sup>-1</sup> . CHT,NOEC fishes: > 25 mg.l <sup>-1</sup> .
	D-limonene	AT, invertebrates: EC <sub>50</sub> , Daphnia sp., 48 h: 12,3 mg.l <sup>-1</sup> .
	Butyl diglycol	AT, fishes: LC <sub>50</sub> , 96 h: 1300 mg.l <sup>-1</sup> . AT, invertebrates: EC <sub>50</sub> , Daphnia sp., 48 h:>100 mg.l <sup>-1</sup> .



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	Toxicity of mixture	In accordance with Regulation (EC) No. 1272/2008, the product is not classified as hazardous for aquatic life, with lasting effects. Tests on aquatic/terrestrial organisms for the mixture are not available. It is necessary to ensure that the product does not enter water courses in high concentrations. The product is not hazardous to the environment when used in accordance with the prescribed method of use. Chronic toxicity of the mixture in an aquatic environment is low. The product can be released into sewerage after dilution
12.2	<b>Persistence and Degradability</b>	Surface-active substances meet requirements according to Regulation 648/2004/EC. Product is well biodegradable
12.3	<b>Bioaccumulative Potential</b>	Due to the composition of the product, accumulation in the environment is not likely.
12.4	<b>Mobility in Soil</b>	Spreading of the product in the environment is significant only in surface water; low significance for the environment.
12.5	<b>Results of PBT and vPvB Assessment</b>	The mixture does not contain substances with this identification.
12.6	<b>Other Adverse Effects</b>	Not specified.

## SECTION 13: Disposal Considerations

13.1	<b>Waste Treatment Methods</b>	
	Disposal of the mixture	For small amount of the mixture, dilute with water and flush into sewerage. Dispose of larger amounts of the mixture in accordance with local regulations by having it burnt as hazardous waste (N 200 113) by a professional organisation.
	Disposal of contaminated packaging	The product's packaging must be emptied as much as possible. After cleaning, the packaging can be reused, recycled or disposed of in accordance with local regulations, e.g. via sorted waste (HDPE). The distributor pays a legal fee for disposing of packaging waste

## SECTION 14: Transport Information

14.1	<b>UN Number</b>	1719
14.2	<b>UN Proper Shipping Name</b>	CAUSTIC ALKALI LIQUIDS, N.O.S. (sodium hydroxide)
14.3	<b>Transport Hazard Class(es)</b>	8
14.4	<b>Packing Group</b>	III
	Warning plate (Kemler)	80
	Safety label	
14.5	<b>Environmental Hazards</b>	Not hazardous
14.6	<b>Special Precautions for User</b>	Excepted quantity: E1, 5 L
14.7	<b>Transport in Bulk According to Annex II of MARPOL and the IBC Code</b>	Does not apply.

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## SECTION 15: Regulatory Information

<b>15.1</b>	<b>Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture</b>	<p>CZ: Act No. 102/2001 Coll., on General Product Safety, as amended.                      Act No. 350/2011 Coll., on Chemical Substances and Mixtures and on the amendment of certain Acts (Chemical Law).                      Act on Packaging No. 477/2001 and related legal regulations as amended                      Act No. 324/2016 Coll., (on Biocides) as amended.                      Act No. 185/2001 Coll., on Waste, as amended.                      Act No. 258/2000 Coll., on Protection of the Public Health, as amended.                      Government Regulation No. 361/2007 Coll., as amended.                      Act No. 423/2003 Coll.</p> <p>EU: Regulation 1907/2006/EC (REACH) as amended, by Commission Regulation (EU) 2015/830.                      Regulation 1272/2008 EC (CLP) as amended.                      Directive 98/24 EC.                      Regulation 648/2004/EC on Detergents.                      Regulation of the European Parliament and of the Council (EU) No. 528/2012 as amended.</p>
<b>15.2</b>	<b>Chemical Safety Assessment</b>	Not performed.

## SECTION 16: Other Information

### a. Revisions Made in Safety Data Sheet

	<p>General revision of all sections of the safety data sheet in accordance with Commission Regulation (EU) 2015/830 and in accordance with Regulation of the European Parliament and of the Council No. 1272/2008.                      Revisions – 2,</p>
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### b. Key or Legend to Abbreviations

Aquatic Chronic 4	Hazardous to the aquatic environment –long-term aquatic hazard, category 4
Acute Tox. 4	Acute toxicity, category 4.
Eye Dam 1	Serious eye damage, category 1.
Eye Irrit. 2	Serious eye irritation, category 2.
Flam Liq. 2	Flammable liquid, category 2.
Met.Corr.1	Corrosive to metals, category 1.
Skin Corr 1A	Skin corrosion, category 1A.
Skin Corr 1C	Skin corrosion, category 1C.
Skin Irrit. 2	Skin irritation, category 2
STOT SE 3	Specific target organ toxicity – single exposure, category 3.
DNEL	Derived no-effect level.
PNEC	Predicted no-effect concentration.
UN	United Nations.

# SAFETY DATA SHEET

(in accordance with Regulation (EC) No. 1907/2006, as amended by Regulation (EU) 2015/873)



**Trade name:** PUREX K  
**Date of revision in CZ:** 3.2.2019  
**Replaces version:** 3.0

**Version:** 4.0  
**Page** 11 (total 11)

<b>c. Key Literature References and Sources for Data:</b>	
	The safety data sheet is compiled based on safety data sheets and technical information of the producers of raw materials and completed to satisfy legal requirements
<b>d. Classification of the Mixture According to Regulation (EC) No. 1272/2008</b>	
Skin Corr. 1B	Calculation method
Eye Dam. 1	Calculation method
<b>e. List of Relevant R Phrases, Hazard Statements, Safety Phrases and/or Precautionary Statements:</b>	
H225	Highly flammable liquid and vapour.
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.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H412	toxic to aquatic life with long lasting effects.
<b>f. Advice on Training:</b>	
	Workers who come into contact with hazardous substances and mixtures must be familiarised in the necessary extend with the effects of these substances and mixtures, with the methods of handling them, with protective measures, with the principles of first aid, with the necessary decontamination procedures and with procedures for disposing of malfunctions and accidents. A person who handles this chemical mixture must be familiarised with safety regulations and information stated in the safety data sheet. Persons transporting hazardous substances and mixtures must be familiarised with measures for the case of accident in accordance with ADR/RID agreements.
<b>g. Other Information</b>	
	The above information expresses the current state of our knowledge, does not represent any securing of properties and is valid only in connection with the standard use in normal conditions and with the data specified in the technical instructions. The product should not be used for any purpose other than for which it is intended (section 1.2). The user bears full responsibility for any other uses of the product or its combination with other products or procedures.