SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

WAX PRO

Creation date	17th November 2022		
Revision date	02nd December 2022	Version	2.0

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

1.1. Product identifier WAX PRO

Substance / mixture mixture

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

Mixture's intended use

Polymer-based impregnating and drying preparation for motor vehicles

Mixture uses advised against

not available

1.3. Details of the supplier of the safety data sheet

Distributor

Name or trade name	BKF MYJNIE BEZDOTYKOWE Sp. z o.o.
Address	Skarbimierzyce 22, Dołuje, 72-002 Poland
Phone	+48 91 8147 105
E-mail	info@bkfmyjnie.pl
Web address	bkfmyjnie.pl

Competent person responsible for the safety data sheet

Name	BKF MYJNIE BEZDOTYKOWE Sp. z o.o.
E-mail	info@bkfmyjnie.pl

1.4. Emergency telephone number

European emergency number: 112

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Irrit. 2, H315
Eye Dam. 1, H318
Aquatic Chronic 3, H412

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment

Causes serious eye damage. Causes skin irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram



Signal word

Danger

Hazardous substances

iso-butanol
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

BKF myjnie

Precautionary statements

P280	Wear eye 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.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of container to properly labeled waste containers in accordance with national regulations.

Supplemental information

5-<15 % cationic surfactants, perfumes, Linalool, Limonene

2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-108-00-1 CAS: 78-83-1 EC: 201-148-0	iso-butanol	<10	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335, H336	
CAS: 1474044-71-7 EC: 939-685-4 Registration number: 01-2119983493-26-XXXX	1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)	<7	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412	
Index: 603-096-00-8 CAS: 112-34-5 EC: 203-961-6 Registration number: 01-2119475104-44-XXXX	2-(2-butoxyethoxy)ethanol	<5	Eye Irrit. 2, H319	2, 3
Index: 607-002-00-6 CAS: 64-19-7 EC: 200-580-7	acetic acid 50%	<0,7	Flam. Liq. 3, H226 Skin Corr. 1A, H314 Specific concentration limit: Skin Corr. 1A, H314: C ≥ 90 % Skin Irrit. 2, H315: 10 % ≤ C < 25 % Skin Corr. 1B, H314: 25 % ≤ C < 90 % Eye Irrit. 2, H319: 10 % ≤ C < 25 %	1, 2
CAS: 68424-85-1 EC: 270-325-2 Registration number: 01-2119965180-41	Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))	<0,7	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	

Notes

1 Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid … %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

2 A substance for which exposure limits are set.

3 The use of the substance is restricted by Annex XVII of REACH Regulation

Full text of all classifications and hazard statements is given in the section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. No neutralization should be performed in any case! Rinsing should be continued for 10-30 minutes from the inner to the outer eye corner to make sure that the other eye is not involved. Depending on the situation, call medical rescue service or ensure medical treatment as promptly as possible. Everyone must be referred for treatment even if affected only a little.

If swallowed

DO NOT INDUCE VOMITING - even the inducted vomiting can cause complications as in case of detergents and other foaming substances.

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

If inhaled

Inhaling vapours can cause corrosion of the breathing system.

If on skin

Causes skin irritation.

If in eyes

Causes serious eye damage.

If swallowed

Corrosion of the digestion system can occur.

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

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media

Water - full jet.

5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8.

6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

6.3. Methods and material for containment and cleaning up

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

6.4. Reference to other sections

See the Section 7, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Store in a tightly closed, original plastic container (high density polyethylene HDPE). Store this product in a dry environment that will be maintained at 5°C - 35°C temperature with a good ventilation system and an easy washable, nonabsorbable alkaline resistant floor. DO NOT expose the product to sunlight and keep away from heat, frost, sparks, flame and source of ignition.

Storage temperature: min 5 °C, max 35 °C

7.3. Specific end use(s)

not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

European Union — **Commission Directive (EU) 2017/164**

Substance name (component)	Type	Value
acetic acid 50% (CAS: 64-19-7)	OEL 8 hours	25 mg/m³
	OEL 8 hours	10 ppm
	OEL 15 minutes	50 mg/m³
	OEL 15 minutes	20 ppm

European Union — **Commission Directive 2006/15/EC**

Substance name (component)	Type	Value
2-(2-butoxyethoxy)ethanol (CAS: 112-34-5)	OEL 8 hours	67,5 mg/m³
	OEL 8 hours	10 ppm
	OEL 15 minutes	101,2 mg/m³
	OEL 15 minutes	15 ppm

DNEL

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	36.35 mg/m³	Local chronic effects		SDS

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	52.08 mg/kg bw/day	Local chronic effects		SDS
Consumers	Inhalation	10.85 mg/m³	Local chronic effects		SDS
Consumers	Dermal	31.25 mg/kg bw/day	Local chronic effects		SDS
Consumers	Oral	6.25 mg/kg bw/day	Local chronic effects		SDS

2-(2-butoxyethoxy)ethanol

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Dermal	20 mg/kg	Systemic chronic effects		SDS
Workers	Inhalation	67.5 mg/l	Systemic chronic effects		SDS
Workers	Inhalation	67.5 mg/l	Local chronic effects		SDS
Consumers	Inhalation	50.6 mg/l	Local acute effects		SDS
Consumers	Dermal	10 mg/kg	Systemic chronic effects		SDS
Consumers	Inhalation	3 mg/l	Systemic chronic effects		SDS
Consumers	Oral	1.25 mg/kg	Systemic chronic effects		SDS
Consumers	Inhalation	34 mg/l	Local chronic effects		SDS

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Workers / consumers	Route of exposure	Value	Effect	Value determination	Source
Workers	Inhalation	3.96 mg/m³	Systemic chronic effects		karta charakterystyki
Workers	Dermal	5.7 mg/kg bw/day	Systemic chronic effects		karta charakterystyki
Consumers	Inhalation	1.64 mg/m³	Systemic chronic effects		karta charakterystyki
Consumers	Dermal	3.4 mg/kg bw/day	Systemic chronic effects		karta charakterystyki
Consumers	Oral	3.4 mg/kg bw/day	Systemic chronic effects		karta charakterystyki

PNEC

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Value	Value determination	Source
Drinking water	0.054 mg/l		SDS
Freshwater sediment	5.54 mg/kg		SDS
Seawater	0.005 mg/l		SDS
Microorganisms in wastewater treatment plants	1 mg/l		SDS
Soil (agricultural)	1.08 mg/kg		SDS

2-(2-butoxyethoxy)ethanol

Route of exposure	Value	Value determination	Source
Drinking water	1 mg/l		SDS
Seawater	0.1 mg/l		SDS
Freshwater sediment	4 mg/kg		SDS

2-(2-butoxyethoxy)ethanol

Route of exposure	Value	Value determination	Source
Sea sediments	0.4 mg/kg		SDS
Soil (agricultural)	0.4 mg/kg		SDS
Microorganisms in wastewater treatment plants	200 mg/l		SDS
Oral	56 mg/kg		SDS

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Route of exposure	Value	Value determination	Source
Drinking water	0.0009 mg/l		karta charakterystyki
Seawater	0.00009 mg/l		karta charakterystyki
Water (intermittent release)	0.00016 mg/l		karta charakterystyki
Freshwater sediment	0.267 mg/kg of dry substance		karta charakterystyki
Sea sediments	0.0267 mg/kg of dry substance		karta charakterystyki

8.2. Exposure controls

Follow the usual measures intended for health protection at work and especially for good ventilation. This can be achieved only by local suction or efficient general ventilation. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection

Protective goggles or face shield (based on the nature of the work performed).

Skin protection

Hand protection: Protective gloves resistant to the product. When choosing appropriate thickness, material and permeability of the gloves, observe recommendations of their particular manufacturer. Observe other recommendations of the manufacturer. Other protection: protective workwear. Contaminated skin should be washed thoroughly.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Thermal hazard

Data not available.

Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	liquid
Colour	violet
Odour	characteristic of the composition used for
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	5 (undiluted)
Kinematic viscosity	data not available
Solubility in water	soluble
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	
Density	0,970-1,010 g/cm³

Relative vapour density	data not available
Particle characteristics	data not available
Form	liquid

9.2. Other information

not available

SECTION 10: Stability and reactivity

10.1. Reactivity

not available

10.2. Chemical stability

The product is stable under normal conditions.

10.3. Possibility of hazardous reactions

Unknown.

10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

Acute toxicity

Based on available data the classification criteria are not met.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD_{50}	OECD 423	>2000 mg/kg		Mouse		karta charakterystyki
Dermal	LD_{50}	OECD 402	>2000 mg/kg		Rabbit		karta charakterystyki

2-(2-butoxyethoxy)ethanol

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD_{50}		2410 mg/kg		Mouse		SDS
Dermal	LD_{50}		2764 mg/kg		Rabbit		SDS

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Route of exposure	Parameter	Method	Value	Exposure time	Species	Sex	Source
Oral	LD_{50}	OECD 401	>300-2000 mg/kg		Rat (Rattus norvegicus)		karta charakterystyki

SKF Wyjnie

Skin corrosion/irritation

Causes skin irritation.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Result	Method	Exposure time	Species	Source
Skin	Irritating	OECD 404		Rabbit	karta charakterystyki

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Route of exposure	Result	Method	Exposure time	Species	Source
	Corrosive			Rabbit	karta charakterystyki

Serious eye damage/irritation

Causes serious eye damage.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Result	Method	Exposure time	Species	Source
Eye	Serious eye damage	OECD 405			karta charakterystyki

Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Result	Method	Exposure time	Species	Sex	Source
	No effect			Guinea-pig (Cavia aperea f. porcellus)		karta charakterystyki

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Route of exposure	Result	Method	Exposure time	Species	Sex	Source
	Negative	OECD 406		Guinea-pig		karta charakterystyki

Germ cell mutagenicity

Based on available data the classification criteria are not met.

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Result	Method	Exposure time	Specific target organ	Species	Sex	Source
Negative	OECD 471			Rat		karta charakterystyki

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

Repeated dose toxicity

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Route of exposure	Parameter	Result	Method	Value	Exposure time	Species	Sex	Source
Oral	NOAEL		OECD 407	500 mg/kg	28 day	Rat (Rattus norvegicus)		karta charakterystyki

Aspiration hazard

Based on available data the classification criteria are not met.

11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 12: Ecological information

12.1. Toxicity

Acute toxicity

Harmful to aquatic life with long lasting effects.

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC_{50}	OECD 203	>10 mg/l	96 hour	Fishes		karta charakterystyki
EC_{50}	OECD 202	>8.6 mg/l	48 hour	Daphnia (Daphnia magna)		karta charakterystyki
NOEC	OECD 201	0.39 mg/l	72 hour	Algae (Pseudokirchneriella subcapitata)		karta charakterystyki
EC_{50}	OECD 201	1.2 mg/l	72 hour	Algae (Selenastrum capricornutum)		karta charakterystyki
EC20		10 mg/l	6 day		Activated sludge	karta charakterystyki
EC_{50}		100 mg/l	6 day	Microorganisms (Photobacterium phosphoreum)	Activated sludge	karta charakterystyki

2-(2-butoxyethoxy)ethanol

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC_{50}		1300 mg/l		Fishes (Lepomis macrochirus)		SDS
EC_{50}		>100 mg/l		Aquatic invertebrates (Daphnia magna)		SDS
EC_{50}	OECD 201	>100 mg/l		Algae (Scenedesmus subspicatus)		SDS
EC 10	OECD 209	>1995 mg/l				SDS

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Parameter	Method	Value	Exposure time	Species	Environment	Source
LC_{50}		>0.1-1 mg/l	96 hour	Fishes		karta charakterystyki

aF Myjnie

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Parameter	Method	Value	Exposure time	Species	Environment	Source
EC_{50}		>0.01-0.1 mg/kg	48 hour	Daphnia (Daphnia magna)		karta charakterystyki
IC_{50}		>0.01-0.1 mg/l	72 hour	Algae (Selenastrum capricornutum)		karta charakterystyki
NOEC	OECD 201	>0.001-0.01 mg/l		Algae (Pseudokirchneriella subcapitata)		karta charakterystyki

Chronic toxicity

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Parameter	Method	Value	Exposure time	Species	Environment	Source
NOEC		0.686 mg/l	35 day	Fishes (Pimephales promelas)		karta charakterystyki
NOEC	EPA OTS 797.1330	1 mg/l	21 day	Daphnia (Daphnia magna)		karta charakterystyki

12.2. Persistence and degradability

Biodegradability

1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts)

Parameter	Method	Value	Exposure time	Environment	Result	Source
	OECD 301F	60 %			Easily biodegradable	karta charakterystyki

Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16))

Parameter	Method	Value	Exposure time	Environment	Result	Source
	OECD 301D				Easily biodegradable	karta charakterystyki

Surfactants are biodegradable according to the European Parliament and Council Regulation (EC) No. 648/2004 on detergents, as amended.

12.3. Bioaccumulative potential

Data not available.

12.4. Mobility in soil

Data not available.

12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

12.7. Other adverse effects

Data not available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

Waste type code

07 06 04 other organic solvents, washing liquids and mother liquors *

Packaging waste type code

15 01 02 plastic packaging

(*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

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SECTION 14: Transport information

14.1. UN number or ID number

not subject to transport regulations

14.2. UN proper shipping name

not relevant

14.3. Transport hazard class(es)

not relevant

14.4. Packing group

not relevant

14.5. Environmental hazards

No

14.6. Special precautions for user

Reference in the Sections 4 to 8.

14.7. Maritime transport in bulk according to IMO instruments

not relevant

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as ammended.

SKF Myjnie

Restrictions pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH), as amended

2-(2-butoxyethoxy)ethanol

Restriction	Conditions of restriction
55	1. Shall not be placed on the market for the first time after 27 June 2010, for supply to the general public, as a constituent of spray paints or spray cleaners in aerosol dispensers in concentrations equal to or greater than 3 % by weight. 2. Spray paints and spray cleaners in aerosol dispensers containing DEGBE and not conforming to paragraph 1 shall not be placed on the market for supply to the general public after 27 December 2010. 3. Without prejudice to other Community legislation concerning the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that paints other than spray paints containing DEGBE in concentrations equal to or greater than 3 % by weight of that are placed on the market for supply to the general public are visibly, legibly and indelibly marked by 27 December 2010 as follows: "Do not use in paint spraying equipment".

15.2. Chemical safety assessment

Chemical safety assessment has not been carried out for the mixture.
2-(2-butoxyethoxy)ethanol: A Chemical Safety Assessment has been carried out
1-Propanaminium, 2-hydroxy-N-(2-hydroxypropyl)-N,N-dimethyl-, esters with C18-unsatd. fatty acids, Me sulfates (salts): A Chemical Safety Assessment has been carried out
Acetic acid 50%: the manufacturer has performed a chemical safety assessment
Iso-butanol: the manufacturer has performed a chemical safety assessment
Alkyl (C12-16) dimethyl benzyl ammonium chloride (ADBAC/BKC (C12-16)): the manufacturer has performed a chemical safety assessment

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SECTION 16: Other information

A list of standard risk phrases used in the safety data sheet

H226	Flammable liquid and vapour.
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.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet

P280	Wear eye 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.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of container to properly labeled waste containers in accordance with national regulations.

Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CE_{50}	Concentration of a substance when it is affected 50% of the population

CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC_{50}	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC_{50}	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD_{50}	Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow	Octanol-water partition coefficient
LZO	Volatile organic compounds
MARPOL	International Convention for the Prevention of Pollution from Ships
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UE	European Union
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
vPvB	Very Persistent and very Bioaccumulative
WE	Identification code for each substance listed in EINECS

Acute Tox.	Acute toxicity
Aquatic Acute	Hazardous to the aquatic environment
Aquatic Chronic	Hazardous to the aquatic environment (chronic)
Eye Dam.	Serious eye damage
Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquid
Skin Corr.	Skin corrosion
Skin Irrit.	Skin irritation
STOT SE	Specific target organ toxicity - single exposure

Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

The changes (which information has been added, deleted or modified)

General update

More information

Classification procedure - calculation method.

Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

3KF Myjnie