

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

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

1.1. Product identifier

Trade name: JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

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

Recommended uses: Impregnation agents.

SU: Other (SU0).

PC: Textile dyes, and impregnating products (PC34)

1.3. Details of the supplier of the safety data sheet

Supplier

Company: Guardian Protection Products A/S
Address: Knudevejen 22
Zip code: 6600
City: Vejen
Country: DENMARK
E-mail: guardian@guardian.dk
Phone: +45 75471767
Fax: +45 75471787

Distributor

Company: JYSK Ltd.
Address: 1st Floor Biostat House
Pepper Road
Hazel Grove
Zip code: SK7 5BW
City: Stockport
Country: UNITED KINGDOM
Phone: (+44) 0845 309 3089

1.4. Emergency Telephone Number

Members of the public: 111 (NHS 111 (Scotland: NHS 24)).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

CLP-classification: The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

Most serious harmful effects: May cause slight irritation to the skin and eyes.

2.2. Label elements

The product shall not be classified as hazardous according to the classification and labeling rules for substance and mixtures.

2.3. Other hazards

The product does not contain any PBT or vPvB substances.

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

Endocrine disrupting properties: None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	CAS No./ EC No./ REACH Reg. No.	Concentration	Notes	CLP-classification
2-(2-butoxyethoxy)ethanol	112-34-5 203-961-6	3 - 5 %	28	Eye Irrit. 2;H319
Aminofunctional Polysiloxane (Polymere)		3 - 5 %		Skin Irrit. 2;H315
3-butoxypropan-2-ol	5131-66-8 225-878-4	1 - 3 %		Skin Irrit. 2;H315 Eye Irrit. 2;H319
acetic acid ... %	64-19-7 200-580-7	< 0.1 %		Flam. Liq. 3;H226 Skin Corr. 1A;H314 25% ≤ C < 90%: Skin Corr. 1B; H314 C ≥ 90%: Skin Corr. 1A; H314 10% ≤ C < 25%: Skin Irrit. 2; H315 10% ≤ C < 25%: Eye Irrit. 2; H319
Benzalkonium chloride	85409-22-9 939-350-2	< 0.1 %		Acute Tox. 4;H302 Skin Corr. 1B;H314 Eye Dam. 1;H318 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 M (acute): 10 M (chronic): 1

Please see section 16 for the full text of H- / EUH-phrases.

28 = The substance is covered by regulation 1907/2006/EU, annex XVII regarding restrictions.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:	Seek fresh air.
Ingestion:	Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Seek medical advice in case of persistent discomfort.
Skin contact:	Remove contaminated clothing. Wash skin with soap and water.
Eye contact:	Flush with water (preferably using eye wash equipment) until irritation subsides. Seek medical advice if symptoms persist.
General:	When obtaining medical advice, show the safety data sheet or label.

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

May cause slight irritation to the skin and eyes.

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

Treat symptoms. No special immediate treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: The product is not directly flammable. Choose extinguishing agents based on the surrounding fire.

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

5.2. Special hazards arising from the substance or mixture

The product is not directly flammable. Avoid inhalation of vapour and fumes - seek fresh air. The product decomposes when combusted and the following toxic gases can be formed: Carbon monoxide and carbon dioxide.

5.3. Advice for firefighters

Move containers from danger area if it can be done without risk. Avoid inhalation of vapour and flue gases - seek fresh air. Wear Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Stop leak if this can be done without risk. Wear gloves. Wear safety goggles if there is a risk of eye splash.

For emergency responders: In addition to the above: Normal protective clothing equivalent to EN 469 is recommended.

6.2. Environmental precautions

Do not discharge large quantities of concentrated spills and residue into drains.

6.3. Methods and material for containment and cleaning up

Contain and absorb spill with sand or other absorbent material and transfer to suitable waste containers. Wipe up minor spills with a cloth.

6.4. Reference to other sections

See section 8 for type of protective equipment. See section 13 for instructions on disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Running water and eye wash equipment should be available. Wash hands before breaks, before using restroom facilities, and at the end of work.

7.2. Conditions for safe storage, including any incompatibilities

The product should be stored safely, out of reach of children and away from food, animal feeding stuffs, medicines, etc. Keep in tightly closed original packaging. Store frost-free. Do not store with the following: Strong alkalis/ Strong acids/ Strong oxidisers/ Strong reducing agents.

7.3. Specific end use(s)

None.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit

Substance name	Time period	ppm	mg/m ³	fiber/cm ³	Remarks	Comments
2-(2-butoxyethoxy) ethanol	15m	15	101.2			
2-(2-butoxyethoxy) ethanol	8h	10	67.5			

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

acetic acid ... %	8h	10	25			
acetic acid ... %	15m	20	50			

Measuring methods: Compliance with occupational exposure limits may be checked by occupational hygiene measurements.

Legal basis: EH40/2005 Workplace exposure limits. Last amended January 2020.

PNEC

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5					
Exposure	Value	Assessment Factor	Extrapolation Method	Note	
PNEC aqua (freshwater)	1.1 mg/l				
PNEC sediment (freshwater)	4.4 mg/kg				
PNEC aqua (marine water)	110 µg/l				
PNEC sediment (marine water)	440 µg/kg				
PNEC soil	320 µg/kg				
PNEC aqua (intermittent releases (fresh water))	11 mg/l				
3-butoxypropan-2-ol, cas-no 5131-66-8					
Exposure	Value	Assessment Factor	Extrapolation Method	Note	
PNEC aqua (freshwater)	0,525 mg/l				
PNEC aqua (marine water)	0,0525 mg/l				
PNEC aqua (intermittent releases)	5,25 mg/l				
PNEC STP (wastewater-treatment facilities)	10 mg/l				
PNEC sediment (freshwater)	2,36 mg/kg dw				
PNEC sediment (marine water)	0,236 mg/kg dw				
PNEC soil	0,16 mg/kg dw				
Benzalkonium chloride, cas-no 85409-22-9					
Exposure	Value	Assessment Factor	Extrapolation Method	Note	
PNEC aqua (freshwater)	120 - 900 ng/l				
PNEC sediment (freshwater)	12.27 - 31.9 mg/kg				
PNEC aqua (marine water)	12 - 960 ng/l				
PNEC sediment (marine water)	3.19 - 13.09 mg/kg				
PNEC soil	6.38 - 7 mg/kg				
PNEC aqua (intermittent releases (fresh water))	160 ng/l				
PNEC aqua (intermittent releases (marine water))	16 ng/l				
PNEC STP (wastewater-treatment facilities)	160 - 400 µg/l				

DNEL - workers

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Inhalation DNEL (acute/short-term exposure - local effects)	101.2 mg/m ³				
Inhalation DNEL (long-term exposure - local effects)	67.5 mg/m ³				
3-butoxypropan-2-ol, cas-no 5131-66-8					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	52 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	147 mg/m ³				
Benzalkonium chloride, cas-no 85409-22-9					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	3.1 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	3.06 mg/m ³				

DNEL - general population

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Oral DNEL (long-term exposure - systemic effects)	6.25 mg/kg bw/day				
3-butoxypropan-2-ol, cas-no 5131-66-8					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	22 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	43 mg/m ³				
Oral DNEL (long-term exposure - systemic effects)	12,5 g/kg bw/day				
Benzalkonium chloride, cas-no 85409-22-9					
Exposure	Value	Assessment Factor	Dose Descriptor	Main Impact Parameter	Note
Dermal DNEL (long-term exposure - systemic effects)	3.4 mg/kg bw/day				
Inhalation DNEL (long-term exposure - systemic effects)	1.64 mg/m ³				

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

Oral DNEL (long-term exposure - systemic effects)	3.4 mg/kg bw/day				
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8.2. Exposure controls

Appropriate engineering controls: Wear the personal protective equipment specified below.

Personal protective equipment, eye/face protection: Wear safety goggles if there is a risk of eye splash. Eye protection must conform to EN 166/16321.

Personal protective equipment, hand protection: Plastic or rubber gloves recommended.

Personal protective equipment, respiratory protection: Not required.

Environmental exposure controls: Ensure compliance with local regulations for emissions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Parameter	Value/unit
State	Liquid
Colour	Clear
Odour	Odourless
Solubility	No data

Parameter	Value/unit	Remarks
Odour threshold	No data	
Melting point	No data	
Freezing point	No data	
Initial boiling point and boiling range	100 °C	
Flammability (solid, gas)	No data	
Flammability limits	No data	
Explosion limits	No data	
Flash Point	No data	
Auto-ignition temperature	No data	
Decomposition temperature:	No data	
pH (solution for use)	No data	
pH (concentrate)	6.5	
Kinematic viscosity	No data	
Viscosity	No data	
Partition coefficient n-octanol/water	No data	
Vapour pressure	No data	
Density	1 g/cm ³	
Relative density	No data	
Vapour density	No data	
Relative density (sat. air)	No data	
Particle characteristics	No data	

9.2. Other information

Parameter	Value/unit	Remarks
VOC (Volatile organic compounds):	1,12 %	

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

Other Information: None.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts with the following: Strong alkalis/ Strong acids/ Strong oxidisers/ Strong reducing agents.

10.2. Chemical stability

The product is stable when used in accordance with the supplier's directions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong alkalis/ Strong acids/ Strong oxidisers/ Strong reducing agents.

10.6. Hazardous decomposition products

The product decomposes when combusted or heated to high temperatures and the following toxic gases can be formed:
Carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

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

Acute toxicity - oral

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rat	LD50		5660 mg/kg			

Ingestion may cause discomfort. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - dermal

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Test Type	Exposure time	Value	Conclusion	Test method	Source
Rabbit	LD50		2700 mg/kg			

The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

Acute toxicity - inhalation: The product does not have to be classified. Test data are not available.

Skin corrosion/irritation: May cause slight irritation. The product does not have to be classified. Test data are not available.

Serious eye damage/eye irritation: May cause eye irritation. The product does not have to be classified. Test data are not available.

Respiratory sensitisation or skin sensitisation: The product does not have to be classified. Test data are not available.

Germ cell mutagenicity: The product does not have to be classified. Test data are not available.

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

- Carcinogenic properties:** The product does not have to be classified. Test data are not available.
- Reproductive toxicity:** The product does not have to be classified. Test data are not available.
- Single STOT exposure:** Inhalation of spray mist may cause irritation to the upper airways. The product does not have to be classified. Test data are not available.
- Repeated STOT exposure:** The product does not have to be classified. Test data are not available.
- Aspiration hazard:** The product does not have to be classified. Test data are not available.

11.2. Information on other hazards

Endocrine disrupting properties: None known.

Other toxicological effects: None known.

SECTION 12: Ecological information

12.1. Toxicity

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
Fish			96hLC50	1300 mg/l			
Crustacea	Daphnia sp.		48hEC50	> 100 mg/l			
Algae			IC50	53 mg/l			

The product contains small quantities of environmentally hazardous substances. The product does not have to be classified. Based on existing data, the classification criteria are deemed not to have been met.

12.2. Persistence and degradability

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
				89 %		OECD 301 C	

Test data are not available for all substances.

12.3. Bioaccumulative potential

2-(2-butoxyethoxy)ethanol, cas-no 112-34-5

Organism	Species	Exposure time	Test Type	Value	Conclusion	Test method	Source
			Log Pow	0.68			
			BCF	2.9			

Test data are not available for all substances.

12.4. Mobility in soil

Test data are not available.

12.5. Results of PBT and vPvB assessment

The product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

None known.

12.7. Other adverse effects

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Avoid discharge to drain or surface water. If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste (Dir. 2008/98/EU). Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

Empty, cleansed packaging should be disposed of for recycling. Uncleansed packaging is to be disposed of via the local waste-removal scheme.

Category of waste: EWC code: Depends on line of business and use, for instance
Product: 16 05 09 discarded chemicals other than those mentioned in 16 05 06, 16 05 07 or 16 05 08
Absorbent/cloth contaminated with the product: 15 02 03 absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02

SECTION 14: Transport information

14.1. UN number or ID number: Not applicable. **14.4. Packing group:** Not applicable.
14.2. UN proper shipping name: Not applicable. **14.5. Environmental hazards:** Not applicable.
14.3. Transport hazard class(es): Not applicable.

14.6. Special precautions for user

None.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

Special Provisions: None.

15.2. Chemical Safety Assessment

Other Information: Chemical safety assessment has not been performed.

SECTION 16: Other information

Version history and indication of changes

Version	Revision date	Responsible	Changes
1.0.0	10/04/2024	Bureau Veritas HSE/JST	

Abbreviations: PBT: Persistent, Bioaccumulative and Toxic
vPvB: Very Persistent and Very Bioaccumulative
STOT: Specific Target Organ Toxicity
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration

Other Information: This safety data sheet has been prepared for and applies to this product only. It is based on our current knowledge and the information that the supplier was able to provide about the

Safety Data Sheet

JYSK ESSENTIAL TEXTILE PROTECTOR 375 ml (3650118/86084001)

Issued: 10/04/2024
Version: 1.0.0

product at the time of preparation. The safety data sheet complies with applicable law on preparation of safety data sheets in accordance with Regulation 1907/2006/EC "The Registration, Evaluation and Authorization of Chemicals" as amended by the stationary UK REACH etc. (EU Exit) as subsequently changed.

Training advice: A thorough knowledge of this safety data sheet should be a prerequisite condition.

Classification method: Calculation based on the hazards of the known components.

Hazard statements

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.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

SDS is prepared by

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