SAFETY DATA SHEET by regulation (EC) No 1907/2006 REACH

02 FABRIC SOFTENER Page 1 / 9 Version: 1.0

1.1	Product identifier							
	Name:	02 FAB	RIC	SOFTENER				
	UFI code:	There is	no	obligation				
	Registration number:			re – mixture				
1.2	Relevant identified uses	of the subst	ance	e or mixture and uses advi	sed against			
	Identified uses:	fabric so	often					
	Uses advised against:	use the mixture only for the purposes specified by the manufacturer. Otherwise, t user may be exposed to unpredictable risks.				nufacturer. Otherwise, the		
1.3	Details of the supplier of the safety data sheet							
	Supplier:	Humdakin						
	Adress:	Estrupve	Estrupvej 1, 8380 Trige, Denmark					
	Telehone:	+45 6014 1588						
	Email:	info@humdakin.com						
1.4 Emergency telephone number								
	Danish Poison Center (Gi		5 82	12 1212				
				Tolderlundsvej 5, 5000 Od	ense C, Telephor	ne: +45 72 54 44 66		
SEC	TION 2: Hazards ident	ification						
2.1	Classification of the substance or mixture							
	Classification 1272/2008/WE:			The mixture is not classified as dangerous.				
	Dangerous health effects:			not classified				
	Dangerous effects on the environment:		:	not classified				
	Dangerous physical-chemical effects:			not classified				
2.2	Label elements							
	Hazard pictogram:		Does not apply.					
	Signal word:		Does not apply.					
	Hazard statement:		They are not required.					
	Precautionary statements:		They are not required.					
	Marking according to EC 648/2004:			\geq 5 - <15% cationic surfactant, <5% preservative (2-phenoxyethan-1-ol) and perfume.				
2.3	Other hazards		per	rume.				
	The mixture is not assesse	ed as PBT or	vPv	B.				
SEC	TION 3: Composition/i	nformation	on	ingredients				
3.1	Substances							
	Does not apply.							
3.2	Mixtures Aqueous surfactant solution:							
	Substance identifier	OII.		CAS number EC number Index number Registration number	Content (%)	Classification 1272/2008		
	ethanol			64-17-5 200-578-6 603-002-00-5 01-2119457610-46	≤1,6	Flam. Liq. 2, H225 Eye Irrit. 2, H319		

SAFETY DATA SHEET by regulation (EC) No 1907/2006 REACH

02 FABRIC SOFTENER

Page 2 / 9

Version: 1.0

2-fenoxyethanol	122-99-6 204-589-7 603-098-00-9 01-2119488943-21	≤1	Acute Tox. 4, H302 Eye Irrit. 2, H319
2-terc. Butylcyclohexyl acetate	88-41-5 201-828-7 - 01-2119970713-33	≤0,225	Aquatic Chronic 2, H ²
glycerol	56-81-5 200-289-5	≤0,2	The substance is not classified as dangerou
Hexyl 2-hydroxybenzoate	6259-76-3 228-408-6 - 01-2119638275-36	<0,1	Skin Sens. 1, H317 Aquatic Acute 1, H40 Aquatic Chronic 1, H4
4-tert-butylcyklohexyl acetate	32210-23-4 250-954-9 - 01-2119976286-24	<0,05	Skin Sens. 1B, H317
2-tert-butylcyklohexyl acetate	88-41-5 20298-69-5 20298-70-8 201-282-7 243-718-1 01-2119970713-33	<0,025	Aquatic Chronic 2, H
1,4-dioxacyklohexadekan-5,16-dion	54982-83-1 259-423-6 - 01-2119524000-64	<0,0125	Aquatic Acute 1, H40 Aquatic Chronic 3, H4
3-methyl-5-fenylpentanol	55066-48-3 259-461-3 - 01-2119969446-23	<0,025	Acute Tox. 4, H302
Hexyl benzoate	6789-88-4 229-856-5 - 01-2120768740-49	<0,0125	Aquatic Acute 1, H40 Aquatic Chronic 1, H-
2-isobutyl-4-methyltetrahydropyran-4-ol (cis a trans)	63500-71-0 405-040-6 - 01-0000015458-64	<0,025	Eye Irrit. 2, H319
3,7-dimethyl-1,6-octadien-3-yl acetate	115-95-7 204-116-4 - 01-2119454789-19	<0,025	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1B, H317
2,6-dimethyl-7-octen-2-ol	18479-58-8 242-362-4 - 01-2119457274-37	<0,025	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Cis-3-hexenyl benzoate	25152-85-6 246-669-4 - 01-2120525150-73	<0,005	Skin Sens. 1B, H317 Aquatic Chronic 2, H-

by regulation (EC) No 1907/2006 REACH

Page 3 / 9 **02 FABRIC SOFTENER** Version: 1.0

Date of issue: 15.10.2021

2,2-dimethyl-3-(4(2)-ethylenyl)propanal	67634-15-5 67634-14-4 916-329-6 - 01-2120758796-34	<0,005	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
2-methyl-3-(4-isopropylenyl)propanal	103-95-7 203-161-7 - 01-2119970582-32	<0,005	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
2,6-bis(1,1-dimethylethyl)-4methylfenol	128-37-0 204-881-4 - 01-2119565113-46	<0,005	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-propenyl heptanoate	142-19-8 205-527-1 - 01-2119488961-23	<0,005	Acute Tox. 3, H301, H3 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
2-propenyl (cyklohexyloxy)acetate	68901-15-5 272-657-3 - 01-2120770514-54	<0,005	Acute Tox. 4, H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-propenyl 3-cyklohexylpropanoate	2705-87-5 220-292-5 - 01-2119976355-27	<0,005	Acute Tox. 4, H302, H3 H332 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
2-propenyl hexanoate	123-68-2 204-642-4 - 01-2119983573-26	<0,005	Acute Tox. 3, H301, H3 H331 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Citric Acid	5949-29-1 201-069-1 01-2119457026-42	<0,01	Eye Irrit. 2, H319
Sodium benzoate	532-32-1 208-534-8 01-2119460683-35	<0,01	Eye Irrit. 2, H319
Potassium sorbate	24634-61-5 246-376-1 01-2119950315-41	<0,01	Eye Irrit. 2, H319

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

SECTION 4: First aid measures

4.1 Description of first aid measures

If you do not feel well after exposure or if the problem persists, seek medical attention. If unconscious, place in recovery position and get medical attention. Do not give anything by mouth when unconscious.

Inhalation:	Remove victim to fresh air, keep calm and warm. If the problem persists, see a doctor.
Skin contact:	In case of skin contact, wash immediately with plenty of water. Wash contaminated
	clothing before reuse. Seek medical attention if irritation persists.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Do not rinse with a
	strong stream of water - risk of corneal injury. Get medical attention if problems occur.
Ingestion:	Do not induce vomiting. Rinse mouth with water and drink 1-2 dl of water. Call a doctor
	immediately.

Most important symptoms and effects, both acute and delayed Information not available.

4.3 Indication of any immediate medical attention and special treatment needed Special funds are not intended. Treatment is symptomatic.

SECTION 5: Firefighting measures

by regulation (EC) No 1907/2006 REACH

Page 4/9 **02 FABRIC SOFTENER** Version: 1.0

5	.1	Extinguishing media		
		Suitable extinguishing media:	CO ₂ , extinguishing powder, extinguishing foam, sand	
		Unsuitable extinguishing media:	Full stream of water	
_	2	Chariel begands swising from the substance or mixture		

5.2 Special hazards arising from the substance or mixture

The mixture is not classified as flammable. In case of fire, carbon dioxide, carbon monoxide and other hazardous gases may be formed.

5.3 Advice for firefighters

Use suitable respiratory protective device. Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Restrict unauthorized access to the accident area until the accident is rectified. Ensure adequate ventilation. Avoid contact with skin and eyes. Follow the rules and regulations of work safety when working with chemical products. Use personal protective equipment. Do not breathe vapors or aerosols.

6.2 Environmental precautions

Do not allow to enter sewers / surface or ground water. If the product leaks into water or sewage system inform appropriate authorities.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in a suitable container and dispose of in accordance with local regulations.

6.4 Reference to other sections

Section 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation in the workplace. Avoid contact with skin and eyes. Do not breathe vapors / aerosols. Wash hands after use. For personal protection see section. 8. Do not drink, eat or smoke while using the product.

7.2 Conditions for safe storage, including any incompatibilities

Store in original, tightly closed containers in a well-ventilated, dry and cool place. Do not eat, drink or smoke in areas where the product is stored and used. Store at room temperature.

7.3 Specific end use(s)

fabric softener

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ethanol CAS 64-17-5

GV 1.000 ppm 1.900 mg/m³ Grænseværdier for stoffer og materialer

DNEL 2-phenoxyethanol (CAS 122-99-6)

Worker, inhalation, systemic effects, long-term: 8.07 mg/m3

Worker, inhalation, local effects, long-term: 8.07 mg/m3

Worker, dermal, systemic effects, long-term: 20.83 mg / kg / day

Consumers, inhalation, systemic effects, long-term: 2.41 mg/m3

Consumers, inhalation, local effects, long-term: 2.41 mg $/\ m3$

Consumers, dermal, systemic effects, long-term: 10.42 mg / kg / day

Consumers, oral, systemic effects, long-term: 9.23 mg / kg / day

Consumers, oral, systemic effects, acute, short-term: 9.23 mg / kg / day

DNEL Ethanol (CAS 64-17-5)

Worker, inhalation, systemic effects, long-term: 950 mg/m3

Worker, inhalation, local effects, long-term: 1900 mg / m3

Worker, dermal, systemic effects, long-term: 343 mg / kg / day

Consumer, inhalation, systemic effects, long-term: 114 mg/m3

Consumer, inhalation, local effects, long-term: 950 mg / m3

Consumer, dermal, systemic effects, long-term: 206 mg / kg / day

Consumer, oral, systemic effects, long-term: 87 mg / kg / day

by regulation (EC) No 1907/2006 REACH

02 FABRIC SOFTENER Version: 1.0

Date of issue: 15.10.2021

PNEC Ethanol (CAS 64-17-5)

Freshwater 0.96 mg / 1Sea water 0.79 mg / 1

Page 5 / 9

Danger to microorganisms in WWTP (STP) 580 mg/1

Freshwater sediments 3.6 mg / kg dry sediment Marine sediments 2.9 mg / kg dry sediment

Soil 0.63 mg / kg dry soil

PNEC 2-phenoxyethanol (CAS 122-99-6)

Fresh water: 0.943 mg / 1 Sea water: 0.094 mg / 1 WWTP: 24.8 mg / 1

Freshwater sediment: 7.237 mg / kg Marine sediment: 0.724 mg / kg

Soil: 1.26 mg / kg

8.2 Exposure controls

Ensure adequate ventilation. After work, wash your hands thoroughly with water. Do not eat, drink or smoke while working.

The monitoring procedure for the content of substances in the air of workplaces and the specifications of protective equipment are determined by the worker responsible for occupational safety and health protection.

Individual protection measures, such as personal protective equipment

Respiratory protection:	It is not necessary if the concentration limits are observed (if they are exceeded, use a				
	respirator against organic vapors). In the event of an accident or fire, wear self-				
	contained breathing apparatus.				
Eye protection:	Wear safety goggles if there is a risk of eye contact				
Hand protection:	Wear protective gloves for long-term exposure				
Skin protection:	Protective clothing and footwear				
Thermal hazard:	It's not				

Environmental exposure controls

Prevent leakage to the sewage system, surface waters, underground waters and soil.

SECTION 9: Physical and chemical properties

BEC	SECTION 9.1 hysical and chemical properties				
9.1	Information on basic physical and chemical properties				
	Physical state	Liquid			
	Colour	Information is not available			
	Odour	Information is not available			
	Melting point/freezing point (°C):	Information is not available			
	Boiling point or initial boiling point and boiling range	Information is not available			
	(°C):				
	Flammability	Information is not available			
	Lower and upper explosion limit	Information is not available			
	Flash point (°C):	Information is not available			
	Auto-ignition temperature	Information is not available			
	Decomposition temperature	Information is not available			
	рН	Information is not available			
	Kinematic viscosity	Information is not available			
	Solubility	Information is not available			
	Partition coefficient n-octanol/water (log value)	Information is not available			
	Vapour pressure	Information is not available			
	Density and/or relative density	Information is not available			
	Relative vapour density	Information is not available			
	Particle characteristics	Information is not available			
9.2	Other information				
	Information is not available				

SECTION 10: Stability and reactivity

by regulation (EC) No 1907/2006 REACH

02 FABRIC SOFTENER Page 6 / 9 Version: 1.0

10.1 Reactivity

The product is not reactive under normal conditions.

Chemical stability

The mixture is stable under normal ambient conditions and anticipated temperature and pressure conditions during storage and handling.

10.3 Possibility of hazardous reactions

They are not known.

10.4 Conditions to avoid

Protect from frost.

10.5 Incompatible materials

Strong oxidizing agents, strong acids and bases.

10.6 | Hazardous decomposition products

They do not arise spontaneously.

SECTION 11: Toxicological information

11.1 | Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met.

- LD50 oral, rat (mg / kg) data for mixture not available

185,000 - calculation according to an additive formula

1850 - 2-phenoxyethan-1-ol

- LD50 dermal, rat or rabbit (mg / kg) data are not available for the mixture

14 391 - 2-phenoxyethan-1-ol (rat)

- LC50 by inhalation, rat, (mg / l, 4h) No data available for the mixture

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

not irritating - mean scores of erythema = 0.1 and edema = 0 - 2-phenoxyethan-1-ol (OECD 404, rabbit).

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

eye irritant - 2-phenoxyethan-1-ol (OECD 405, rabbit)

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

not sensitizing - 2-phenoxyethan-1-ol (guinea pig, maximization test)

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

2-phenoxyethan-1-ol - negative (OECD 476)

Carcinogenicity

Based on available data, the classification criteria are not met.

NOAEL = 249 mg / kg - 2-phenoxyethan-1-ol (rat, OECD 451)

Reproductive toxicity

Based on available data, the classification criteria are not met.

NOAEL = approx. 375 mg / kg - 2-phenoxyethan-1-ol (mouse, oral)

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

NOAEL = 376 mg / kg - 2-phenoxyethan-1-ol (rat, oral)

NOAEL = 500 mg / kg - 2-phenoxyethan-1-ol (rabbit, dermal)

NOAEC = 48.2 mg / kg - 2-phenoxyethan-1-ol (rat, inhalation, aerosol, 6 h)

Aspiration hazard

Based on available data, the classification criteria are not met.

Other information: Information is not available

SECTION 12: Ecological information

12.1 Toxicity

The mixture is not classified as dangerous for aquatic organisms.

Fish data for the mixture are not available

by regulation (EC) No 1907/2006 REACH

Page 7 / 9

02 FABRIC SOFTENER

Version: 1.0

Date of issue: 15.10.2021

LC50, 96 hours, Great Crested Grebe (Pimephales promelas): 344 mg / 1 - 2-phenoxyethan-1-ol

NOEC, 34 d., Great Crested Grebe (Pimephales promelas): 23 mg/l-2-phenoxyethan-1-ol

Crustacean data for the mixture are not available

EC50, 48 hours, Daphnia Magna:> 500 mg / 1 - 2-phenoxyethan-1-ol

NOEC, 21 d., Daphnia Magna: 9.43 mg/l-2-phenoxyethan-1-ol

Algae data for the mixture are not available

EC50, 72 hours, Green alga (Desmodesmus subspicatus):> 500 mg/l - 2-phenoxyethan-1-ol

NOEC, 72 hours, Green alga (Desmodesmus subspicatus):> 500 mg / 1 - 2-phenoxyethan-1-ol

Bacteria data for the mixture are not available

EC10, 17 hours, Bacteria (Pseudomonas putida): 320 g / 1 - 2-phenoxyethan-1-ol

Soil data for the mixture are not available

LC50, 14 d., Manure earthworm (Eisenia fetida):> 1,000 mg/kg soil - 2-phenoxyethan-1-ol

Plants data for the mixture are not available

EC50, 19 d., Brassica napus: 34 mg/kg soil - 2-phenoxyethan-1-ol

12.2 Persistence and degradability

Not determined for the mixture.

The surfactant (s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 1907/2006. 648/2004 on detergents.

2-phenoxyethan-1-ol: rapidly biodegradable:> 90% in 15 days (loss of dissolved organic carbon, OECD 301 A), 98% in 3 days (loss of dissolved organic carbon, OECD 301 A)

12.3 Bioaccumulative potential

not determined for the mixture

2-phenoxyethan-1-ol: BCF = 0.349 (calculation)

2-phenoxyethan-1-ol: log Pow = 1.2 (23 ° C, pH = 5, 7, 9)

12.4 Mobility in soil

not determined for the mixture

2-fenoxyethan-1-ol: log Koc = 1,6

12.5 Results of PBT and vPvB assessment

The substance is not assessed as PBT or vPvB.

12.6 Endocrine disrupting properties

They are not.

12.7 Other adverse effects

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Flushing large amounts into drains or watercourses can lead to an increase in pH, which will affect pH-sensitive ecosystems.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

a) Suitable methods for removing the mixture and contaminated packaging:

Hand over the marked waste for disposal to a specialized company authorized for this activity. Dispose of waste in accordance with the Waste Act. Perfectly cleaned packaging can be recycled.

Possible waste code

20 01 29 * Detergents containing dangerous substances

15 01 02 Plastic packaging

- b) Specify the physical/chemical properties that may affect waste treatment options information is not available
- Discourage sewage disposal information is not available
- d) Iidentify, where appropriate, any special precautions for any recommended waste treatment option information is not available

SECTION 14: Transport information

The product is not dangerous for transport

14.1 UN number or ID number: Not applicable

14.2 UN proper shipping name

Ground transportation ADR	
Railway transportation RID	Not restricted
Naval transport IMDG:	

by regulation (EC) No 1907/2006 REACH

02 FABRIC SOFTENER

liation (EC) No 1907/2006 REACH

Date of issue: 15.10.2021

Version: 1.0

Air transport ICAO/IATA: 14.3 Transport hazard class(es) ADR RID IMDG: ICAO/IATA: Not applicable Not applicable Not applicable Not applicable 14.4 Packing group ICAO/IATA: RID IMDG: ADRNot applicable Not applicable Not applicable Not applicable 14.5 **Environmental hazards** Mixture is not hazardous to the environment during transport. 14.6 Special precautions for user Not applicable Maritime transport in bulk according to IMO instruments 14.7 Information is not available

SECTION 15: Regulatory information

Page 8 / 9

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Regulation (EC) No 1907/2006 (REACH); Regulation (EC) No 1272/2008 (CLP) Commission Regulation (EU) 2020/878
- 15.2 Chemical safety assessment

 Chemical safety assessment for the substance has not been carried out by the producer.

SECTION 16: Other information

- a) 21.09.2021 general update of the safety data sheet according to Regulation (EC) No. 878/2020 of the European Parliament and of the Council and according to Regulation (EC) No. 1272/2008 of the European Parliament and of the Council
 - List of abbreviations **DNEL** Derived No Effect Level **PNEC** Predicted No Effect Concentration CLP Regulation (EC) No 1272/2008 **REACH** Regulation (EC) No 1907/2006 International Code of Dangerous Goods **IMDG IATA** International Air Transport Association **ICAO** International Civil Aviation Organization European Agreement concerning the International Carriage of Dangerous Goods **ADR** by Road Regulation on the international transport of dangerous goods by rail **RID** European Inventory of Existing Commercial Chemical Substances Einecs CAS Chemical Abstracts Service persistent, bioaccumulative and toxic substance **PBT** vPvB very persistent a very bioaccumulation substance SDS Safety data sheet Acute Tox. 3 Acute toxicity (oral, dermal, inhalation), category 3 Acute Tox. 4 Acute toxicity (oral, dermal, inhalation), category 4 Serious eye damage / eye irritation, category 1 Eye Dam. 1 Serious eye damage / eye irritation, category 2 Eye Irrit. 2 Skin Irrit. 2 Skin corrosion / irritation, category 2 Skin Sens. 1, 1B Skin sensitization, category 1, 1B Flam. Liq. 2 Flammable liquids, category 2 Aquatic Acute 1 Hazardous to the aquatic environment - acute, category 1 Hazardous to the aquatic environment - chronic, category 1,2,3 Aquatic Chronic 1,2,3
- c) Sources of information

State legislation, professional literature, ECHA website, safety data sheets for raw materials. The classification of the mixture was performed by the manufacturer according to the classification rules EC 1272/2008 - according to the additive formula, general and specific concentration limits.

d) List of hazard statements:

by regulation (EC) No 1907/2006 REACH

Page 9 / 9

02 FABRIC SOFTENER Version: 1.0

	H225 Highly flammable liquid and vapour.				
	H301 Toxic if swallowed.				
	H302 Harmful if swallowed.				
	H311 Toxic in contact with skin.				
	H312 Harmful in contact with skin.				
	H315 Causes skin irritation.				
	H317 May cause an allergic skin reaction.				
	H319 Causes serious eye irritation.				
	H331 Toxic if inhaled.				
	H332 Harmful if inhaled.				
	H400 Very toxic to aquatic life.				
	H410 Very toxic to aquatic life with long lasting effects.				
	H411 Toxic to aquatic life with long lasting effects.				
	H412 Harmful to aquatic life with long lasting effects.				
e) Instructions for training					
	Training of work safety for handling with chemicals.				
f)	Other information				
	The information in this safety data sheet correspond to the best knowledge of the product at the time of				
	publication. This information is used for safer handling, storage, transportation and disposal of the product. This				
	information does not guarantee the quality of the product. This information applies only to this material and is				
	not valid if the product is used in combination with other materials or in a way which is not listed in this SDS.				