

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

### 1.1. Product identifier

**Name of product** LogoTowel

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

#### Uses advised against

#### Remark

Do not use for medical-clinical purposes.

#### Recommended intended purpose(s)

Cleaning tissues to solve oils, greases and other stains.

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer/distributor

Logopak Systeme GmbH & Co. KG  
Dorfstr. 40, D-24628 Hartenholm  
Phone +49 4195 - 99750, Fax +49 4195 - 1265

#### Advice

E-mail (competent person):  
info@logopak.de

### 1.4. Emergency telephone number

#### Emergency advice

Giftnotrufzentrale Mainz  
Phone +49(0)-6131/19240

## ! SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to 67/548/EEC or 1999/45/EC

no

#### ! Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard classes and Hazard categories	Hazard Statements	Classification procedure
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Asp. Tox. 1	H304	
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#### Hazard Statements

H304	May be fatal if swallowed and enters airways.
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### 2.2. Label elements

#### Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]



GHS08

#### ! Signal word

Danger

#### Hazard Statements

H304	May be fatal if swallowed and enters airways.
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#### Precautionary Statements

P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P405	Store locked up.

P501

Dispose of contents/container to ...

**Supplemental Hazard information (EU)**

Repeated exposure may cause skin dryness or cracking.

**2.3. Other hazards****Information pertaining to special dangers for human and environment**

Prolonged contact will defat the skin

**SECTION 3: Composition/ information on ingredients****3.1. Substances**

not applicable

**3.2. Mixtures****Hazardous ingredients**

CAS No	EC No	Name	[% weight]	Classification according to 67/548/EEC
112-34-5	203-961-6	2-(2-butoxyethoxy)ethanol	1 - 2	Xi R36
	918-167-1	mixture of isoparaffines	50 - 100	Xn R 53, 65, 66
34590-94-8	252-104-2	(2-methoxymethylethoxy)propanol	1 - 2	

CAS No	EC No	Name	[% weight]	Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]
112-34-5	203-961-6	2-(2-butoxyethoxy)ethanol	1 - 2	Eye Irrit. 2, H319
	918-167-1	mixture of isoparaffines	50 - 100	Asp. 1, H304 / Aquatic Chronic 4, H413

**REACH**

CAS No	Name	REACH registration number
	mixture of isoparaffines	01-2119472146-39

**Description**

Cleaning tissues impregnated with a mixture based on synthetic isoparaffines and reinforcing cleaning agents

**SECTION 4: First aid measures****4.1. Description of first aid measures****In case of inhalation**

Ensure of fresh air.

**In case of skin contact**

Apply emollient cream

In case of contact with skin wash off with soap and water.

**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

**In case of ingestion**

not applicable

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

No information available.

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

No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

ABC-powder, carbon dioxide, foam, dry fire-extinguishing substance or water mist

#### Unsuitable extinguishing media

Full water jet

### 5.2. Special hazards arising from the substance or mixture

no

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

no

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Keep away sources of ignition.

### 6.2. Environmental precautions

Do not discharge into the drains or bodies of water..

### 6.3. Methods and material for containment and cleaning up

Take up mechanically and send for disposal.

### 6.4. Reference to other sections

No information available.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Use only in well ventilated areas, keep away from sources of ignition

Don't bring into contact with hot surfaces

#### Advice on protection against fire and explosion

The product is combustible.

The vapours of product are heavier than air.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Further information on storage conditions

At room temperature in sufficiently ventilated rooms.

#### Information on storage stability

Storage time: 24 months.

### 7.3. Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]		Remark
112-34-5	2-(2-butoxyethoxy)ethanol	8 hours	67	10	1,5(l)	EU, DFG, Y, 11
34590-94-8	(2-methoxymethylethoxy)propanol	8 hours	300	50	= 1 =	MAK

**Indicative occupational exposure limit values (91/322/EEC, 2000/39/EC, 2006/15/EC or 2009/161/EU)**

CAS No	Name	Code	[mg/m <sup>3</sup> ]	[ppm]	Remark
112-34-5	2-(2-butoxyethoxy)ethanol	8 hours	67,5	10	
		Short-term	101,2	15	

**Additional advice**

In the tissues there are no reportable amounts of components referring to an occupational exposure limit.

**8.2. Exposure controls****Respiratory protection**

no

**Hand protection**

Gloves (solvent resistant), p.e. Viton ( permeation time > 480min/0,7mm thickness according to DIN/EN 374)

**Eye protection**

not necessary

**General protective measures**

Avoid contact with eyes and skin.

**Hygiene measures**

At work do not eat, drink and smoke.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties****Form**

liquid

**Colour**

colourless, clear

**Odour**

weak

**Important health, safety and environmental information**

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	not applicable				
<b>Flash point</b>	> 61 °C			DIN EN ISO 2719	
<b>Ignition temperature</b>	ca. 265 °C			DIN 51794	
<b>Autoignition</b>	not applicable				
<b>Lower explosion limit</b>	0,6 Vol-%				
<b>Upper explosion limit</b>	6,5 Vol-%				
<b>Vapour pressure</b>	< 1 hPa				
<b>Relative density</b>	0,764 g/cm <sup>3</sup>	20 °C			
<b>Solubility in water</b>					insoluble

**Oxidising properties**

The product is combustible.

**9.2. Other information**

evaporation rate: 60 DIN 53170

These informations are valid for the active substance

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

The material is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No information available.

### 10.4. Conditions to avoid

not known

### 10.5. Incompatible materials

#### Materials to avoid

Strong oxidizing agents

### 10.6. Hazardous decomposition products

no

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
<b>LD50 acute oral</b>	> 5000 mg/kg	rat		Information concerns to main component.
<b>Irritability skin</b>	Will defat the skin during prolonged contact			
<b>Irritability eye</b>	Low irritant. No injuries of eye tissues.			
<b>Skin sensitization</b>	No sensitising effect known			

#### Additional information

Toxical dates refer to solvent.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Ecotoxicological effects

	Value	Species	Method	Validation
<b>Fish</b>				no data available

### 12.2. Persistence and degradability

No information available.

### 12.3. Bioaccumulative potential

not applicable

### 12.4. Mobility in soil

No information available.

### 12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

### 12.6. Other adverse effects

not known

#### General regulation

Product does not contain halogenated hydrocarbons (e.g. CFC, CHC), aromatic components( toluene, xylene), PCB, PCT.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**Waste code No.**

15 02 02\*

**Name of waste**

absorbents, filter materials (including oil filters not otherwise specified), wiping cloths, protective clothing contaminated by dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

**Recommendations for the product**

Product rests: send for disposal, e.g. special waste incineration.

**Recommendations for packaging**

Tubular film without tissues may be treated as household waste.

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## SECTION 14: Transport information

**Transport/further information**

No dangerous goods as defined by the transport regulations - ADR/RID, IMDG, ICAO/IATA-DGR.

**Special precautions for user**

No information available.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

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## SECTION 15: Regulatory information

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

No information available.

**15.2. Chemical Safety Assessment**

Chemical safety assessment for the contained Isoparaffinic mixture was carried out

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## SECTION 16: Other information

**Recommended uses and restrictions**

Such information is the best of our knowledge and belief accurate and reliable as to the date indicated. However the information given here is submitted without any liability on our part.

**Further information**

Main changes to preliminary versions are marked with "!" on the left side of the pages

The following R-phrases do not represent the classification of the total product. They refer to the pure ingredients, mentioned in point 3.

**Wording of the R/H-phrases specified in chapter 3 (not the classification of the mixture!)**

R 36 Irritating to eyes.

R 53 May cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

H304 May be fatal if swallowed and enters airways.

H319 Causes serious eye irritation.

H413 May cause long lasting harmful effects to aquatic life.