

Safety Data Sheet

haupa®

HAUPA GmbH & Co.KG

according to Regulation (EC) No 1907/2006

Reinigungstücher "HUPwipe" 80 Blatt 280 x 215mm

Print date: 23.03.2016

Product code: 170118

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

1.1. Product identifier

Reinigungstücher "HUPwipe" 80 Blatt 280 x 215mm

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

Use of the substance/mixture

Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Company name:	HAUPA GmbH & Co.KG	
Street:	Königstraße 165-169	
Place:	D-42853 Remscheid	
Telephone:	+49 (2191) 84 18-0	Telefax: +49 (2191) 84 18 840
e-mail:	sales@haupa.com	
Contact person:	Jochen Husli	Telephone: +49 (2191) 84 18-0
e-mail:	jochen.husli@haupa.com	
Internet:	www.haupa.com	
Responsible Department:	Sicherheitsdatenblätter / Datenmanagement	

1.4. Emergency telephone number:

Die Nummer der Gesellschaft ist nur zu Bürozeiten besetzt: +49 (2191) 84 18-0(7:00 - 16:30 Uhr)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Irrit. 2

Respiratory or skin sensitisation: Skin Sens. 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Orange terpenes

Signal word: Warning

Pictograms:



Hazard statements

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.

Precautionary statements

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

Additional advice on labelling

The product is classified and labelled according to EC directives or corresponding national laws.

2.3. Other hazards

Wear suitable gloves and eye/face protection.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

fleece-cloth soaked in cleaning solution (mixture)

Hazardous components

CAS No	Chemical name	Quantity
	EC No	Index No
		REACH No
	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	10 - < 15 %
	200-661-7	603-117-00-0
		01-2119457558-25
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	
8028-48-6	Orange terpenes	5 - < 10 %
	232-433-8	
		01-2119493353-35
	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1; H226 H315 H317 H304 H400 H410	
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	5 - < 10 %
	203-905-0	603-014-00-0
		02-2119475108-36
	Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H302 H312 H332 H315 H319	
102-71-6	Triethanolamine	1 - < 5 %
	203-049-8	
		01-2119486482-31
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	1 - < 5 %
	203-961-6	603-096-00-8
		01-2119475104-44
	Eye Irrit. 2; H319	
69011-36-5	Isotridecanol, ethoxylated	< 1 %
	500-241-6	
		01-2119976362-32
	Acute Tox. 4, Eye Dam. 1; H302 H318	
1310-58-3	caustic potash, potassium hydroxide	< 1 %
	215-181-3	
		01-2119487136-33
	Met. Corr. 1, Acute Tox. 4, Skin Corr. 1A; H290 H302 H314	
61789-40-0	1-Propanaminium, N-(3-Aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-Kokos-acylderivate, Hydroxide, Inner Salt (Cocoamidopropyl betaine)	< 1 %
	263-058-8	
	Eye Dam. 1; H318	
122-99-6	2-phenoxyethanol	< 0.1 %
	204-589-7	603-098-00-9
		01-2119488943-21
	Acute Tox. 4, Eye Irrit. 2; H302 H319	

Full text of H and EUH statements: see section 16.

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Further Information

Labelling for contents according to regulation (EC) No. 648/2004:

15 - 30 % aliphatic hydrocarbons

< 5% non-ionic surfactants

< 5% amphoteric surfactants

perfumes LIMONENE

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated, saturated clothing immediately.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water.

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

In all cases of doubt, or when symptoms persist, seek medical advice.

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO₂). Dry extinguishing powder. Foam.**Unsuitable extinguishing media**

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire and/or explosion do not breathe fumes.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

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7.1. Precautions for safe handling**Advice on safe handling**

Use only in well-ventilated areas.

Advice on protection against fire and explosion

Flammable solids

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep container tightly closed and in a well-ventilated place.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL
111-76-2	2-Butoxyethanol	25	123		TWA (8 h)	WEL
		50	246		STEL (15 min)	WEL
1310-58-3	Potassium hydroxide	-	-		TWA (8 h)	WEL
		-	2		STEL (15 min)	WEL
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
111-76-2	2-Butoxyethanol	butoxyacetic acid	240 mmol/mol	urine	Post shift

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	oral	systemic	26 mg/kg bw/day
8028-48-6	Orange terpenes	oral	systemic	4,44 mg/kg bw/day
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	oral	systemic	13,4 mg/kg bw/day

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PNEC values

CAS No	Substance	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
	Micro-organisms in sewage treatment plants (STP)	2251 mg/l
8028-48-6	Orange terpenes	
	Soil	0,261 mg/kg
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	
	Freshwater	8,8 mg/l

8.2. Exposure controls

Protective and hygiene measures

Do not eat, drink, smoke or sneeze at the workplace.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. DIN EN 374
Suitable material: NBR (Nitrile rubber).

Skin protection

For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: colourless
Odour: lemon.

Test method

pH-Value (at 20 °C): < 11,5

Changes in the physical state

Flash point: No data available
Density: not determined

9.2. Other information

Solid content: No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

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No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	oral	LD50	4570 mg/kg	Rat	
		dermal	LD50	13400 mg/kg	Rabbit	
		inhalative (4 h) aerosol	LC50	30 mg/l	Rat	
8028-48-6	Orange terpenes	oral	LD50	5700 mg/kg	Rat	
		dermal	LD50	2000 mg/kg	Rabbit	
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	oral	LD50	470 mg/kg	Rat	
		dermal	ATE	1100 mg/kg		
		inhalative vapour	ATE	11 mg/l		
		inhalative aerosol	ATE	1,5 mg/l		
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	oral	LD50	5660 mg/kg	Rat	
		dermal	LD50	4120 mg/kg	Rabbit	
69011-36-5	Isotridecanol, ethoxylated	oral	ATE	500 mg/kg		
1310-58-3	caustic potash, potassium hydroxide	oral	LD50	273 mg/kg	rat	
61789-40-0	1-Propanaminium, N-(3-Aminopropyl)-2-hydroxy-N,N-dimethyl-3-sulfo-, N-Kokos-acylderivate, Hydroxide, Inner Salt (Cocoamidopropyl betaine)	oral	LD50	> 2000 mg/kg	rat	
122-99-6	2-phenoxyethanol	oral	LD50	1850 mg/kg	Rat	
		dermal	LD50	>2000 mg/kg	Rabbit	

Irritation and corrosivity

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Causes skin irritation.

Causes serious eye irritation.

Sensitising effects

May cause an allergic skin reaction. (Orange terpenes)

STOT-single exposure

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

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

Aspiration hazard

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

SECTION 12: Ecological information**12.1. Toxicity**

No data available

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	[h] [d]	Species	Source
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50	> 100 mg/l	96 h	Leuciscus idus (golden orfe)	
	Acute algae toxicity	ErC50	> 100 mg/l	72 h	Scenedesmus subspicatus	
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna	
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether					
	Acute fish toxicity	LC50	1490 mg/l	96 h	Lepomis macrochirus	
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether					
	Acute algae toxicity	ErC50	> 100 mg/l		Scenedesmus sp.	
	Acute crustacea toxicity	EC50	> 100 mg/l	48 h	Daphnia magna	
1310-58-3	caustic potash, potassium hydroxide					
	Acute fish toxicity	LC50	45,4 mg/l	96 h	mykiss	
	Acute crustacea toxicity	EC50	40 mg/l	48 h	Evertebrata	
122-99-6	2-phenoxyethanol					
	Acute fish toxicity	LC50	220 - 460 mg/l	96 h	Leuciscus idus	
	Acute algae toxicity	ErC50	> 500 mg/l	72 h	Scenedesmus sp.	
	Acute crustacea toxicity	EC50	> 500 mg/l	48 h	Daphnia magna	

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
111-76-2	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether	0,81 (25°C)
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	0,56 (25°C)
122-99-6	2-phenoxyethanol	1,16

12.4. Mobility in soil

No data available

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12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

Further information

Doesn't get into the sewage water as long as the process is carried out according to regulations.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

<u>14.1. UN number:</u>	UN 2319
<u>14.2. UN proper shipping name:</u>	TERPENE HYDROCARBONS, N.O.S.
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3



Classification code:	F1
Limited quantity:	5 L
Excepted quantity:	E1
Transport category:	3
Hazard No:	30
Tunnel restriction code:	D/E

Inland waterways transport (ADN)

<u>14.1. UN number:</u>	UN 2319
<u>14.2. UN proper shipping name:</u>	TERPENE HYDROCARBONS, N.O.S.
<u>14.3. Transport hazard class(es):</u>	3
<u>14.4. Packing group:</u>	III
Hazard label:	3



Classification code:	F1
Limited quantity:	5 L
Excepted quantity:	E1

Marine transport (IMDG)

<u>14.1. UN number:</u>	UN 2319
<u>14.2. UN proper shipping name:</u>	TERPENE HYDROCARBONS, N.O.S.
<u>14.3. Transport hazard class(es):</u>	3

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14.4. Packing group:

III

Hazard label:

3



Special Provisions:

-

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-E, S-D

Air transport (ICAO)

14.1. UN number:

UN 2319

14.2. UN proper shipping name:

TERPENE HYDROCARBONS, N.O.S.

14.3. Transport hazard class(es):

3

14.4. Packing group:

III

Hazard label:

3



Limited quantity Passenger:

10 L

Passenger LQ:

Y344

Excepted quantity:

E1

IATA-packing instructions - Passenger:

355

IATA-max. quantity - Passenger:

60 L

IATA-packing instructions - Cargo:

366

IATA-max. quantity - Cargo:

220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

yes



Danger releasing substance:

Orange terpenes

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

Other applicable information

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

SECTION 15: Regulatory information

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

EU regulatory information

2004/42/EC (VOC):

No data available

National regulatory information

Water contaminating class (D):

1 - slightly water contaminating

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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SECTION 16: Other information

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
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.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)