

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Kiehl-Desisan Concentrate

Revision date: 12.09.2016

Product code: j4017_sd

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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

Liquid acid-free disinfectant cleaner for sanitary rooms

1.3. Details of the supplier of the safety data sheet

Company name: JOHANNES KIEHL KG
Street: Robert-Bosch-Str. 9
Place: D-85235 Odelzhausen
Post-office box: 15
D-85233 Odelzhausen
Telephone: +49 8134 9305-0 Telefax: +49 8134 6466
e-mail: info@kiehl-group.com
Internet: www.kiehl-group.com
Responsible Department: Notrufnummer für deutsch- und englischsprachige Länder: +49/89/19240
Nationale Notrufnummer für die Schweiz (Tox-Zentrum Zürich): 145
Numéro d'urgence France: INRS: +33 (0) 1 45 42 59 59
Numero d' emergenza Italia: Centro Antiveleni - 20162 Milano: 02/66101029
ETTSZ /Egészségügyi Toxikológiai Tájékoztató Szolgálat/, 1096 Budapest,
Nagyvárad tér 2. Ügyeleti telefonszám: 476-64-00, 476-64-64
Eesti: Häirekeskuse number: 112 / Mürgistusteabekeskuse number: 16662
Emergency telephone number for all other countries: +49/8134/9305-36

KIEHL Austria GmbH	Perfektastr. 57 / Top 3;	A-1230 Wien	Tel. +43 (0) 1 / 604 99 93
KIEHL FRANCE S.A.R.L.	5, rue de Londres;	F-67670 Mommenheim	Tél. +33 (0) 3.88.59.52.25
KIEHL Italia s.r.l.	Via Michelangelo 29;	I-16036 Avegno (GE)	Tel. +39 / 0185 730 008
KIEHL Schweiz AG	St. Dionys-Str. 33;	CH-8645 Jona	Tel. +41 (0) 55 / 254 74 74
Johannes Kiehl KG	Ganz Ábrahám ucta 4/12,	H-2142 Nagytarcsa	Tel. +36 (0) 1 / 348-08 41

1.4. Emergency telephone number: +49/89/19240 (germanophone and anglophone)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

Hazard Statements:

Causes severe skin burns and eye damage.

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

Didecyldimonium chloride

Laurylamine Dipropylenediamine

Signal word: Danger

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Pictograms:



Hazard statements

- H314 Causes severe skin burns and eye damage.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

- P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face 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.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

(according to 648/2004/CE)

3.2. Mixtures

Chemical characterization

nonionic surfactants 5-15%, water soluble solvents, biocides, maintenance substances, dyes, fragrances
(Benzylsalicylate, Linalool, Limonene, Lyrall)

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	Isopropyl alcohol			5 - < 10 %
	200-661-7	603-117-00-0		
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336			
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamin			1 - 6 %
	219-145-8			
	Acute Tox. 3, Skin Corr. 1A, STOT RE 2, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 1; H301 H314 H373 H400 H410			
-----	Alkyl polyglucoside			1 - < 5 %
	Skin Irrit. 2, Eye Dam. 1; H315 H318			
7173-51-5	didecyldimethylammonium chloride			1 - < 5 %
	230-525-2	612-131-00-6		
	Acute Tox. 4, Skin Corr. 1B, Aquatic Acute 1 (M-Factor = 10), Aquatic Chronic 2; H302 H314 H400 H411			
69011-36-5	i-C13-Fatty alcohol polyglycol ethers 5-12 EO			1 - < 5 %
	931-138-8			
	Acute Tox. 4, Eye Dam. 1; H302 H318			

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

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information

Avoid contact with skin and eyes.

After inhalation

not hazardous by inhalation

After contact with skin

Wash off immediately with soap and plenty of water. Take off all contaminated clothing immediately.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

After ingestion

Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible.

Consult a physician.

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

This information is not available.

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

If you feel unwell, seek medical advice (show the label where possible).

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Any extinguishing means and measures are acceptable.

5.2. Special hazards arising from the substance or mixture

This information is not available.

5.3. Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not flush into surface water.

6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). After cleaning, flush away traces with water.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

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Requirements for storage rooms and vessels

Store at room temperature in the original container. Store in a place accessible by authorized persons only.

Advice on storage compatibility

Keep away from food, drink and animal feedingstuffs.

Further information on storage conditions

Keep container tightly closed.

Never return unused material to storage receptacle.

7.3. Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

Additional advice on limit values

If applied according to regulations, this will fall below the limit. There is no risk to health.

8.2. Exposure controls

Appropriate engineering controls

Not required.

Protective and hygiene measures

General industrial hygiene practice.

Eye/face protection

Safety glasses with side-shields conforming to EN166

Hand protection

Protective gloves

Recommendation: Nature latex gloves with parts of polychloropren latex and a coating thickness of 0.6 mm which protect at least 8 hours (corresponds to the permeability level 6 of the European norm DIN/EN 374) and provide a resistance to swelling of < 15%.

Environmental exposure controls

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: green
Odour: pleasant

Test method

pH-Value (at 20 °C): 10,0 K-QP1012C

Changes in the physical state

Melting point: <-8 °C

Initial boiling point and boiling range: >78 °C

Sublimation point: not applicable

Softening point: not applicable

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Pour point: not applicable

Flash point: >60 °C

Flammability

Solid: not applicable

Gas: not applicable

Explosive properties

Not explosive

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Ignition temperature: >300 °C

Auto-ignition temperature

Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not relevant

Vapour pressure: not determined

Density (at 20 °C): 1,07 g/cm³ K-QP1012EWater solubility:
(at 20 °C) completely miscible**Solubility in other solvents**

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

9.2. Other information

Solid content: not determined

SECTION 10: Stability and reactivity**10.1. Reactivity**

This information is not available.

10.2. Chemical stability

This information is not available.

10.3. Possibility of hazardous reactions

This information is not available.

10.4. Conditions to avoid

Do not expose to temperatures above 35 °C.

10.5. Incompatible materials

This information is not available.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

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Further information

Do not mix with other detergents or chemicals.

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 route	Dose	Species	Source
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamin			
	oral	LD50 261 mg/kg	Rat	
	dermal	LD50 >600 mg/kg	Rat	
7173-51-5	didecylidimethylammonium chloride			
	oral	LD50 658 mg/kg	rat	
	dermal	LD50 >2000 mg/kg	rat	
69011-36-5	i-C13-Fatty alcohol polyglycol ethers 5-12 EO			
	oral	ATE 500 mg/kg		

Irritation and corrosivity

Causes severe skin burns and eye damage.

Sensitising effects

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.

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.

Aspiration hazard

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

Further information

Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on the product itself.

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CAS No	Chemical name				
	Aquatic toxicity	Dose	[h] [d]	Species	Source
2372-82-9	N-(3-Aminopropyl)-N-dodecylpropan-1,3-diamin				
	Acute fish toxicity	LC50	0,68 mg/l	96 h	Oncorhynchus mykiss (rainbow trout)
	Acute algae toxicity	ErC50	0,054 mg/l	96 h	Pseudokirchneriella subcapitata (green algae)
	Acute crustacea toxicity	EC50	0,073 mg/l	48 h	Daphnia magna (Water flea)
7173-51-5	didecyltrimethylammonium chloride				
	Acute fish toxicity	LC50	0,97 mg/l	96 h	Brachydanio rerio (zebra fish)
	Acute algae toxicity	ErC50	0,12 mg/l	96 h	Scenedesmus capricornutum (fresh water algae)
	Acute crustacea toxicity	EC50	0,06 mg/l	48 h	Daphnia

12.2. Persistence and degradability

The surfactants in the product meet all requirements of the detergents regulation 648/2004/EC.

12.3. Bioaccumulative potential

This information is not available.

12.4. Mobility in soil

This information is not available.

12.5. Results of PBT and vPvB assessment

This information is not available.

12.6. Other adverse effects

This information is not available.

Further information

Chemical Oxygen Demand (COD) 1002 mg O₂/g.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Container should be emptied thoroughly. Do not pour remains of product in large quantities into the sewage.

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Waste disposal number of used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Clean container with water. Cans or containers must be cleaned and returned to the manufacturers for recycling.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Quaternary ammonium compounds)

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14.3. Transport hazard class(es):

9

14.4. Packing group:

III

Hazard label:

9



Classification code:

M6

Special Provisions:

274, 335, 601

Limited quantity:

LQ7

Excepted quantity:

E1

Transport category:

3

Hazard No:

90

Tunnel restriction code:

E

Marine transport (IMDG)

14.1. UN number:

UN 3082

14.2. UN proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(quaternary ammonium compounds)

14.3. Transport hazard class(es):

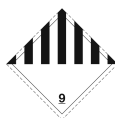
9

14.4. Packing group:

III

Hazard label:

9



Special Provisions:

179, 274, 335, 909

Limited quantity:

5 L

Excepted quantity:

E1

EmS:

F-A, S-F

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:

yes



Danger releasing substance:

Quaternary ammonium compounds

14.6. Special precautions for user

Not required

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not relevant

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D):

2 - water contaminating

15.2. Chemical safety assessment

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

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2

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Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
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.
H336	May cause drowsiness or dizziness.
H373	May cause damage to organs through prolonged or repeated exposure.
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.

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