



according to Regulation (EC) No 1907/2006

## ARENAS®-impregna

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

#### 1.1. Product identifier

ARENAS®-impregna

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

#### Use of the substance/mixture

Impregnation agent for textiles

## 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

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

Vergiftungsinformationszentrale (VIZ) Österreich: +43 1 406 43 43 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: +36 80 201-199

Eesti: Häirekeskuse number: 112 / Mürgistusteabekeskuse number: 16662 Emergency telephone number for all other countries: +49/8134/9305-169

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 Ganz Ábrahám utca 4/12, Tel. +36 (0) 1 / 348-08 41 KIEHL Hungary Kft. H-2142 Nagytarcsa KIEHL Middle East L.L.C. P.O. Box 11 40 19 Abu Dhabi, U.A.E. Tel. +971 2 550 33 96

### 1.4. Emergency telephone

+49/89/19240 (germanophone and anglophone)

number:

#### **SECTION 2: Hazards identification**

### 2.1. Classification of the substance or mixture

Not required.

### 2.2. Label elements

#### Additional advice on labelling

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

### 2.3. Other hazards

None known.

# **SECTION 3: Composition/information on ingredients**

(according to 648/2004/CE)

#### 3.2. Mixtures

## Chemical characterization

Polymer-based active substance, preservatives (Phenoxyethanol)



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#### **Hazardous components**

CAS No	Chemical name				
	EC No	Index No	REACH No		
	GHS Classification				
64-19-7	acetic acid %				
	200-580-7	607-002-00-6	01-2119475328-30		
	Flam. Liq. 3, Skin Corr. 1A; H226 H314				

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

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

#### **General information**

No hazards which require special first aid measures.

#### After inhalation

Take the victim into fresh air.

Consult a physician if necessary.

### After contact with skin

Wash off with plenty of water.

## After contact with eyes

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

#### After ingestion

Clean mouth with water and drink afterwards plenty of water. Prevent vomiting if possible. Consult a physician if necessary.

#### 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

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

Not required

## 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).

Never return spills in original containers for re-use.



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#### 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

Do not breathe vapours or spray mist.

#### Advice on protection against fire and explosion

No special protective measures against fire required.

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

#### Requirements for storage rooms and vessels

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

## 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/m³	fibres/ml	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	EU
		15	37		STEL (15 min)	EU

## 8.2. Exposure controls

# Appropriate engineering controls

Not required.

## Protective and hygiene measures

General industrial hygiene practice. No special protective equipment required.

## **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: white
Odour: characteristic

Test method

pH-Value (at 20 °C): approx. 3,0 K-QP1012C

Changes in the physical state

Melting point: < 0 °C
Initial boiling point and boiling range: >98 °C
Sublimation point: not applicable
Softening point: not applicable



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Pour point: not applicable Flash point: not applicable

**Flammability** 

Solid: not applicable
Gas: not applicable

**Explosive properties** 

Not explosive

Lower explosion limits:

Upper explosion limits:

Ignition temperature:

not applicable

not applicable

**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): 1,00 g/cm³ K-QP1012E

Water solubility: completely miscible

(at 20 °C)

Solubility in other solvents

not determined

Partition coefficient:

Viscosity / dynamic:

Not determined

Niscosity / 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	Method		
64-19-7	acetic acid %						
	oral	LD50 3310 mg/kg	Rat	GESTIS			

#### Irritation and corrosivity

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

#### 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.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method
64-19-7	acetic acid %						
	Acute crustacea toxicity	EC50	65 mg/l	48 h	Daphnia magna	Janssen et al	

### 12.2. Persistence and degradability

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants.

## 12.3. Bioaccumulative potential

This information is not available.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-19-7	acetic acid %	-0,17

## 12.4. Mobility in soil

This information is not available.

#### 12.5. Results of PBT and vPvB assessment

This information is not available.





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#### 12.6. Other adverse effects

This information is not available.

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### Advice on disposal

Do not dispose of waste into sewer.

#### 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. Offer rinsed packaging material to local recycling facilities.

### **SECTION 14: Transport information**

### Land transport (ADR/RID)

14.1. UN number:not applicable14.2. UN proper shipping name:not applicable14.3. Transport hazard class(es):not applicable14.4. Packing group:not applicable

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

Not required

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

not applicable

### Other applicable information

Not classified as dangerous in the meaning of transport regulations.

## **SECTION 15: Regulatory information**

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

## **EU** regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3: acetic acid ... %

#### **Additional information**

The product does not need to be labelled in accordance with EC directives or respective national laws.

### **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.

#### **SECTION 16: Other information**





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## Relevant H and EUH statements (number and full text)

H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

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