

Trade name: SKAT

Substance number: SUB302020540000

Version: 8 / EU

Date revised: 08.04.2019

the date of issue: 12.05.07

Replaces Version: 7 / EU

Print date: 18.04.19

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

### **1.1. Product identifier**

**SKAT**

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

#### **Use of the substance/preparation**

Basic cleanser, For industrial application only.

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

#### **Address/Manufacturer**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
A-5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-Mail regulatoryaffairs@hagleitner.at  
Information provided by / telephone Regulatory Affairs  
E-mail address of person responsible regulatoryaffairs@hagleitner.at  
for this SDS

#### **Address/Supplier**

HAGLEITNER HYGIENE International GmbH  
Lunastrasse 5  
AT5700 Zell am See  
Telephone no. +43 (0)5 0456  
Fax no. +43 (0)5 0456 7777  
E-mail address of person responsible regulatoryaffairs@hagleitner.at  
for this SDS

### **1.4. Emergency telephone number**

Anti Poison Center Vienna: +43 (0)1 406 43430

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)  
Skin Irrit. 2 H315  
Eye Dam. 1 H318

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008  
For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

#### **Hazard pictograms**

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**Signal word**

Danger

**Hazard statements**

H315 Causes skin irritation.  
 H318 Causes serious eye damage.

**Precautionary statements**

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.  
 P310 Immediately call a POISON CENTER or doctor.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains 2-Aminoethanol

For industrial application only.

**2.3. Other hazards**

No special hazards have to be mentioned.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients (Regulation (EC) No. 1272/2008)****Benzyl alcohol**

CAS No. 100-51-6  
 EINECS no. 202-859-9  
 Concentration  $\geq$  1 < 9,4 %

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4 H302  
 Acute Tox. 4 H332  
 Eye Irrit. 2 H319

**2-Butoxyethanol**

CAS No. 111-76-2  
 EINECS no. 203-905-0  
 Registration no. 01-2119475108-36-XXXX  
 Concentration  $\geq$  1 < 7,5 %

Classification (Regulation (EC) No. 1272/2008)

Skin Irrit. 2 H315  
 Acute Tox. 4 H332  
 Acute Tox. 4 H312  
 Acute Tox. 4 H302  
 Eye Irrit. 2 H319

**2-Aminoethanol**

CAS No. 141-43-5  
 EINECS no. 205-483-3

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Concentration	>=	3	<	4,3	%
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Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 4	H312
Acute Tox. 4	H302
Skin Corr. 1B	H314
Acute Tox. 4	H332

Concentration limits (Regulation (EC) No. 1272/2008)

STOT SE 3 H335 &gt;= 5 %

**Monoethanolamine oleate**

CAS No. 2272-11-9

EINECS no. 218-878-0

Registration no. 05-2114589581-37

Concentration	>=	1	<	10	%
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Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

**Fatty Alcohol, C10-C12, ethoxylatet, propoxylatet**

CAS No. 68154-97-2

Concentration	>=	1	<	10	%
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Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

**Ingredients (Regulation (EC) No 648/2004)**

less than 5 %:

soap

non-ionic surfactants

cationic surfactants

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

Remove contaminated, soaked clothing immediately and dispose of safely.

**After inhalation**

Ensure supply of fresh air. No special measures required.

**After skin contact**

In case of contact with skin wash off with warm water. No special measures required.

**After eye contact**

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Eye treatment by an Oculist.

**After ingestion**

Rinse mouth thoroughly with water. If swallowed, seek medical advice immediately and show this container or label.

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

Until now no symptoms known so far.

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / treatment**

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Treat symptomatically

## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Compatible with all usual extinguishing media.

#### **Non suitable extinguishing media**

Full water jet

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

None known

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

In case of combustion use a suitable breathing apparatus.

#### **Other information**

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

## **SECTION 6: Accidental release measures**

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

High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

### **6.2. Environmental precautions**

Do not discharge into the subsoil/soil. Do not discharge into surface waters/groundwater.

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

Take up with absorbent material (eg sand, kieselguhr, universal binder). Rinse away rest with plenty of 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**

Keep container tightly closed. Observe the usual precautions for handling chemicals. Provide good ventilation of working area (local exhaust ventilation if necessary).

#### **Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

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

#### **Recommended storage temperature**

Value &gt;= 5 &lt;= 25 °C

#### **Storage stability**

Storage life: 3 years

#### **Requirements for storage rooms and vessels**

Keep only in the original container. Storage rooms must be properly ventilated.

#### **Further information on storage conditions**

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Keep locked up and out of the reach of children. Keep container tightly closed; open and handle with care.

### 7.3. Specific end use(s)

For industrial application only.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Other information

Maintain air concentrations below occupational exposure standards.

### 8.2. Exposure controls

#### General protective and hygiene measures

Avoid prolonged and/or repeated contact with skin. Use barrier skin cream. Do not eat, drink or smoke during work time. Observe the usual precautions for handling chemicals.

#### Respiratory protection

Not necessary, but do not inhale vapours.

#### Hand protection

In case of intensive contact wear protective gloves.

Appropriate Material	butyl		
Material thickness	=	0,5	mm
Breakthrough time	>=	120	min
Appropriate Material	nitrile		

z.B.: BRILLANT nitrilX-TREME, Art.-Nr. 4451001000 oder BRILLANT nitrilSTYLE, Art.-Nr. 4451001300

#### Eye protection

Safety glasses

#### Body protection

Clothing as usual in the chemical industry.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Form</b>	liquid, clear
<b>Colour</b>	yellow
<b>Odour</b>	aromatic
<b>pH value</b>	
Value	appr. 10,5 to 11,0
Concentration/H <sub>2</sub> O	100 %
Temperature	20 °C
Remarks	alkaline
<b>Freezing point</b>	
Value	appr. -4 to 4 °C
<b>Sublimation point</b>	
Remarks	not determined
<b>Initial boiling point and boiling range</b>	
Value	appr. 100 °C
<b>Flash point</b>	
Value	> 100 °C
Remarks	not determined

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**Evaporation rate**

Remarks not determined

**Evaporation rate (ether = 1) :**

Remarks not determined

**Vapour pressure**

Remarks not determined

**Vapour density**

Remarks not determined

**Density**

Value	1,01		g/cm <sup>3</sup>
Temperature	20	°C	

**Solubility in water**

Remarks Completely miscible

**Solubility(ies)**

Remarks not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**Auto-ignition temperature**

Remarks not determined

**Combustion factor**

Remarks not determined

**Decomposition temperature**

Remarks No decomposition if used as prescribed.

**Viscosity****dynamic**

Value	appr. 10		mPa.s
Temperature	20	°C	

**Oxidising properties**

evaluation None known

**9.2. Other information****Bulk density**

Remarks not determined

**Packed bulk density**

Remarks not determined

**Solids content**

Remarks not determined

**Saturation Concentration**

Remarks not determined

**Critical point**

Remarks not determined

**Dissociation constant**

Remarks not determined

**Surface tension**

Remarks not determined

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**Other information**

None known

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

Reactions with impurities.

**10.2. Chemical stability**

Protect from extreme heat and cold.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Keep at temperature not exceeding 30 °C.

**Decomposition temperature**

Remarks

No decomposition if used as prescribed.

**10.5. Incompatible materials**

No hazardous reactions when stored and handled according to prescribed instructions.

**10.6. Hazardous decomposition products**

No hazardous decomposition products known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity**

ATE	4.726,80	mg/kg
	76	

Method calculated value (Regulation (EC) No. 1272/2008)

**Acute oral toxicity (Components)****Benzyl alcohol**

Species	rat		
LD50	=	1230	mg/kg

**2-Butoxyethanol**

Species	rat		
LD50	=	470	mg/kg

**Acute dermal toxicity**

ATE	3.223,44	mg/kg
	32	

Method calculated value (Regulation (EC) No. 1272/2008)

**Acute dermal toxicity (Components)****Benzyl alcohol**

Species	rabbit		
LD50	=	2000	mg/kg

**2-Butoxyethanol**

Species	rabbit		
LD50	=	220	mg/kg

**Acute inhalational toxicity**

ATE	64,8088	mg/l
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Administration/Form	Vapors
Method	calculated value (Regulation (EC) No. 1272/2008)
ATE	8,8376 mg/l
Administration/Form	Dust/Mist
Method	calculated value (Regulation (EC) No. 1272/2008)

**Acute inhalative toxicity (Components)****Benzyl alcohol**

Species	rat			
LC50	>	4000		mg/m <sup>3</sup>
Duration of exposure	=	4	h	

**2-Butoxyethanol**

Species	rat			
LC50	=	2,17		mg/l
Duration of exposure	=	4	h	

**Skin corrosion/irritation**

evaluation	irritant
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**Serious eye damage/irritation**

evaluation	irritant - risk of serious damage to eyes
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**Sensitization**

evaluation	non-sensitizing
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**Subacute, subchronic, chronic toxicity**

Remarks	not determined
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**Mutagenicity**

Remarks	not determined
---------	----------------

**Reproductive toxicity**

Remarks	not determined
---------	----------------

**Carcinogenicity**

Remarks	not determined
---------	----------------

**Specific Target Organ Toxicity (STOT)**

Remarks	not determined
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**Experience in practice**

Inhalation may lead to irritation of the respiratory tract.

**Other information**

Product specific toxicological data are not known.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity (Components)****Benzyl alcohol**

Species	Bluegill (Lepomis macrochirus)			
LC50	=	10		mg/l
Duration of exposure	=	96	h	

**2-Butoxyethanol**

	=	1250	to	1490	mg/l
Duration of exposure	=	96	h		

**Daphnia toxicity (Components)****Benzyl alcohol**



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Species	Daphnia magna		
EC50	= 400		mg/l
Duration of exposure	= 24	h	

**2-Butoxyethanol**

LC50	= 800		mg/l
Duration of exposure	= 48	h	

**Algae toxicity (Components)****Benzyl alcohol**

Species	Scenedesmus quadricauda		
IC5	= 640		mg/l
Duration of exposure	= 96	h	

**12.2. Persistence and degradability****General information**

not determined

**12.3. Bioaccumulative potential****General information**

not determined

**Partition coefficient: n-octanol/water**

Remarks not determined

**12.4. Mobility in soil****General information**

not determined

**12.5. Results of PBT and vPvB assessment****General information**

not determined

**12.6. Other adverse effects****General information**

not determined

**General information / ecology**

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 20 01 29\* detergents containing dangerous substances

The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

**Disposal recommendations for packaging**

Completely emptied packagings can be given for recycling.

**SECTION 14: Transport information**

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**Land transport ADR/RID**

Non-dangerous goods

**14.1. UN number**

UN -

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

Class

-

**14.4. Packing group**

Packing group

-

**Marine transport IMDG/GGVSee**

The product does not constitute a hazardous substance in sea transport.

**14.1. UN number**

UN -

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

Class

-

**14.4. Packing group**

Packing group

-

**Air transport ICAO/IATA**

The product does not constitute a hazardous substance in air transport.

**14.1. UN number**

UN -

**14.2. UN proper shipping name**

-

**14.3. Transport hazard class(es)**

Class

-

**14.4. Packing group**

Packing group

-

**Information for all modes of transport****14.6. Special precautions for user**

Non-dangerous goods

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

not determined

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****VOC**

VOC (CH) = 18 %

VOC (EU) = 18 %

**15.2. Chemical safety assessment**

For this preparation a chemical safety assessment has not been carried out.

**SECTION 16: Other information**

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (\*) in the left-hand margin.

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**Hazard statements listed in Chapter 3**

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

**CLP categories listed in Chapter 3**

Acute Tox. 4	Acute toxicity, Category 4
Eye Irrit. 2	Eye irritation, Category 2
Skin Corr. 1B	Skin corrosion, Category 1B
Skin Irrit. 2	Skin irritation, Category 2

**Abbreviations**

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Civil Aviation Organization  
CAS: Chemical Abstracts Service  
EINECS: European Inventory of Existing Commercial Chemical Substances  
VOC: Volatile Organic Compound  
NOEL: No observable effect level  
NOEC: No observable effect concentration  
LD: Lethal dose  
LC: Lethal concentration  
REACH: Registration, Evaluation, Autohorisation and Restriction of Chemicals  
IMO: International Maritime Organization  
DNEL: Derived no effect level  
PNEC: Predicted no effect concentration  
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses  
EC: European Community  
EU: European Union  
GHS: Globally Harmonized System of classification and Labelling of Chemicals  
MAK: Maximale Arbeitsplatz-Konzentration  
INCI: International Nomenclature of Cosmetic Ingredients  
UN: United Nations

**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

