

according to UK REACH Regulation

Opysat
--------

Revision date: 12.12.2022

Product code: j4502\_sd

Page 1 of 7

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

### 1.1. Product identifier

Opysat

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

## Use of the substance/mixture

Product for professional cleaning and maintenance

1.3. Details of the supplier of the safety data sheet						
Company name:	JOHANNES	KIEHL KG				
Street:	Robert-Bosch-Str	Robert-Bosch-Str. 9				
Place:	D-85235 Odelzha	usen				
Telephone:	+49 8134 9305-0		Telefax: +49 8134 6466			
E-mail:	info@kiehl-group.	info@kiehl-group.com				
Contact person:	Contact person: Laboratory department					
Internet:	www.kiehl-group.	com				
Responsible Department:	Notrufnummer für	Notrufnummer für deutsch- und englischsprachige Länder: +49/89/19240				
	Vergiftungsinformationszentrale (VIZ) Österreich: +43 1 406 43 43					
	Nationale Notrufn	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: 16						
Emergency telephone number for all other countries: +49/8134/9305-169						
KIEHL Austria GmbH	Perfektastr. 57;	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 San Rocco, 101;	I-16036 Recco (GE)	Tel. +39 / 0185 730 008			
KIEHL Schweiz AG	St. Dionys-Str. 33;	CH-8645 Jona	Tel. +41 (0) 55 / 254 74 74			
KIEHL Hungary Kft.	Felsöipari körút 3/ D	HU-2142 Nagytarcsa	Tel. +36 (0) 1 / 348-08 41			
KIEHL Middle East LLC	A8-LIU 48/49 - KIZAD	Abu Dhabi, U.A.E.	Tel. +971 2 550 33 96			

## 1.4. Emergency telephone

number:

+49/89/19240 (germanophone and anglophone) For Belgium: +32 70 245 245 (free, 24/7) or +32 2 264 96 30 (normal rate)

## **SECTION 2: Hazards identification**

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

Classification according to Regulation (EC) No 1272/2008 [CLP]: not applicable

#### 2.2. Label elements

#### Additional advice on labelling

Labelling according to Regulation (EC) No. 1272/2008 [CLP]: not applicable

### 2.3. Other hazards

None known.

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

## 3.2. Mixtures

## **Chemical characterization**

INCI (Aqua, Sodium Laureth Sulfate, Glycerin, Cocamide-DEA, Cocamidopropyl Betaine, Coco-Glucoside, Sodium Benzoate, Phenoxyethanol, PEG-3-Distearate, Lactic Acid, Panthenol, Parfum (Linalool, Citronellol), Allantoin, Salicylic Acid, C.I. 45100)



## according to UK REACH Regulation

## Opysat

Revision date: 12.12.2022

Product code: j4502\_sd

Page 2 of 7

#### Hazardous components

none (according to UK REACH Regulation)

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

## 4.1. Description of first aid measures

### **General information**

No hazards which require special first aid measures.

#### After inhalation

not hazardous by inhalation

#### 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

## General advice

Not required

### For non-emergency personnel

No special measures are necessary.

#### For emergency responders

No special measures are necessary.

### 6.2. Environmental precautions

Do not flush into surface water.

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

#### For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).

#### For cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

Clean contaminated articles and floor according to the environmental legislation.



according to UK REACH Regulation

## Opysat

Revision date: 12.12.2022

Product code: j4502\_sd

Page 3 of 7

### Other information

Never return spills in original containers for re-use.

#### 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

No special precautions required.

# Advice on protection against fire and explosion

No special protective measures against fire required.

### Advice on general occupational hygiene

General industrial hygiene practice. No special protective equipment required.

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

# Requirements for storage rooms and vessels

Store at room temperature in the original container.

# Further information on storage conditions

Keep container tightly closed.

# 7.3. Specific end use(s)

This information is not available.

### **SECTION 8: Exposure controls/personal protection**

## 8.1. Control parameters

## Additional advice on limit values

To date, no national critical limit values exist.

## 8.2. Exposure controls

Appropriate engineering controls

# Not required.

# Individual protection measures, such as personal protective equipment

Skin protection

## Not required

# **Respiratory protection**

Not required

#### **SECTION 9: Physical and chemical properties**

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

Physical state:	viscous		
Colour:	pink		
Odour:	pleasant		
		1	Test method
Melting point/freezing point:		<-3 °C	
Boiling point or initial boiling point and		>90 °C	
boiling range:			
Flammability:		not applicable	
Lower explosion limits:		not applicable	
Upper explosion limits:		not applicable	
Flash point:		>100 °C	



#### according to UK REACH Regulation

	Opysat				
Revision date: 12.12.2022	Product code: j4502_sd	Page 4 of 7			
Auto-ignition temperature:	not determined				
Decomposition temperature:	not determined				
pH-Value (at 20 °C):	approx. 5,0	K-QP1012C			
Viscosity / kinematic:	not determined				
Water solubility:	completely miscible				
(at 20 °C)					
Solubility in other solvents not determined					
Partition coefficient n-octanol/water:	not determined				
Vapour pressure:	not determined				
Density (at 20 °C):	1,03 g/cm³	K-QP1012E			
Relative vapour density:	not determined				
Particle characteristics:	not applicable				
9.2. Other information					
Information with regard to physical hazard classe Explosive properties not relevant	95				
Self-ignition temperature					
Solid:	not applicable				
Gas:	not applicable				
Oxidizing properties not relevant					
Other safety characteristics					
Evaporation rate:	not determined				
Solid content:	not determined				
Sublimation point:	not applicable				
Softening point:	not applicable				
Pour point:	not applicable				
Viscosity / dynamic:	approx. 3000 mPa·s				
Flow time:	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.

#### **Further information**

Do not mix with other detergents or chemicals.

# **SECTION 11: Toxicological information**

# 11.1. Information on hazard classes as defined in GB CLP Regulation



## according to UK REACH Regulation

## Opysat

Revision date: 12.12.2022

Product code: j4502\_sd

Page 5 of 7

## Acute toxicity

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

#### ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l; ATE (inhalation gas) > 20000 ppm

#### 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.

#### 11.2. Information on other hazards

## Endocrine disrupting properties

This information is not available.

#### Further information

Health injuries are not known or expected under normal use.

### **SECTION 12: Ecological information**

#### 12.1. Toxicity

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

# 12.2. Persistence and degradability

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

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

#### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

#### 12.7. Other adverse effects

This information is not available.

# **Further information**

Chemical Oxygen Demand (COD): 375 mg O2/g

## **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

#### Disposal recommendations

Do not dispose of waste into sewer.



according to UK REACH Regulation

## Opysat

Revision date: 12.12.2022

Product code: j4502\_sd

Page 6 of 7

## List of Wastes Code - 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

#### List of Wastes Code - 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. Return cleaned containers to the company for recycling. Offer rinsed packaging material to local recycling facilities.

## **SECTION 14: Transport information**

## Land transport (ADR/RID)

<u>14.1. UN number or ID number:</u>	not applicable
14.2. UN proper shipping name:	not applicable
14.3. Transport hazard class(es):	not applicable
14.4. Packing group:	not applicable
14.5. Environmental hazards	
ENVIRONMENTALLY HAZARDOUS:	No
14.6. Special precautions for user	

Not required

### 14.7. Maritime transport in bulk according to IMO instruments

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

National regulatory information

2 - obviously hazardous to water

### 15.2. Chemical safety assessment

Water hazard class (D):

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): 3 / 6 / 7 / 8 / 12



### according to UK REACH Regulation

## Opysat

Revision date: 12.12.2022

Product code: j4502\_sd

Page 7 of 7

Abbreviations and acronyms ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service LC50: Lethal concentration. 50% LD50: Lethal dose, 50% CLP: Classification, labelling and Packaging REACH: Registration. Evaluation and Authorization of Chemicals GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals UN: United Nations DNEL: Derived No Effect Level DMFL: Derived Minimal Effect Level PNEC: Predicted No Effect Concentration ATE: Acute toxicity estimate LL50: Lethal loading, 50% EL50: Effect loading, 50% EC50: Effective Concentration 50% ErC50: Effective Concentration 50%, growth rate NOEC: No Observed Effect Concentration BCF: Bio-concentration factor PBT: persistent, bioaccumulative, toxic vPvB: very persistent, very bioaccumulative RID: Regulations concerning the international carriage of dangerous goods by rail ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures) EmS: Emergency Schedules MFAG: Medical First Aid Guide MARPOL: International Convention for the Prevention of Marine Pollution from Ships IBC: Intermediate Bulk Container SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

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