

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 1 of 8

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

1.1. Product identifier

ARENAS®-compact

UFI: 2V60-N0YT-E00A-RSHK

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. 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; | 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. | Felsőipari 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)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H319 Causes serious eye irritation.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 2 of 8

Precautionary statements

P280 Wear eye 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

3.2. Mixtures

Chemical characterization

according to 648/2004/CE: nonionic surfactants 15-30%, anionic surfactants 5-15%, soap 5-15%, phosphonates <5%, Polycarboxylates <5%, Optical brighteners, Enzymes, dyes, fragrances, Preservative (Benzisothiazolinone)

Hazardous components

| CAS No | Chemical name | | | Quantity |
|------------|---|----------|------------------|-------------|
| | EC No | Index No | REACH No | |
| | GHS Classification | | | |
| 69011-36-5 | i-C13-Fatty alcohol polyglycol ethers 5-12 EO | | | 10 - < 15 % |
| | 931-138-8 | | | |
| | Acute Tox. 4, Eye Dam. 1; H302 H318 | | | |
| 68891-38-3 | Alcohols, C12-14, ethoxylated, sulfated, sodium salts | | | 1 - < 5 % |
| | 500-234-8 | | 01-2119488639-16 | |
| | Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H315 H318 H412 | | | |
| 97489-15-1 | Sodium C14-17 Sec Alkyl Sulfonate | | | 1 - < 5 % |
| | 307-055-2 | | 01-2119489924-20 | |
| | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3; H302 H315 H318 H412 | | | |

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

SECTION 4: First aid measures

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 while removing all contaminated clothes and shoes.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

After ingestion

Drink plenty of water. Do NOT induce vomiting. If symptoms persist, call 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

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 3 of 8

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 eyes.

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.

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**

Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Not 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.

Hints on joint storage

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****Additional advice on limit values**

To date, no national critical limit values exist.

8.2. Exposure controls**Appropriate engineering controls**

Not required

Protective and hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 4 of 8

Eye/face protection

Tightly fitting safety goggles

Hand protection

Suitable protective gloves recommended.

Recommendation: Nitrile gloves with a coating thickness of 0.4 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%.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Not 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: | yellow |
| Odour: | pleasant |

| | | |
|----------------------|-------------|---------------------------------|
| pH-Value (at 20 °C): | approx. 9,5 | Test method 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 |
| 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: | >200 °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): | 1,05 g/cm³ | K-QP1012E |
|---------------------|------------|-----------|

| | |
|---------------------------------|---------------------|
| Water solubility: (at 20 °C) | completely miscible |
|---------------------------------|---------------------|

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 5 of 8

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.

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 |
| 69011-36-5 | i-C13-Fatty alcohol polyglycol ethers 5-12 EO | | | | |
| | oral | ATE 500 mg/kg | | | |
| 97489-15-1 | Sodium C14-17 Sec Alkyl Sulfonate | | | | |
| | oral | ATE 500 mg/kg | | | |

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

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

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 6 of 8

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.

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

This information is not available.

12.6. Other adverse effects

This information is not available.

Further information

The organic ingredients can be biodegraded in a sewage plant after neutralization. Chemical Oxygen Demand (COD) 1020 mg O₂/g

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

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

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)

14.1. UN number: not applicable

14.2. UN proper shipping name: not applicable

14.3. Transport hazard class(es): not applicable

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 7 of 8

14.4. 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****National regulatory information**

Water hazard class (D): 2 - obviously hazardous to water

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): 1

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
DMEL: 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

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ARENAS®-compact

Revision date: 19.03.2020

Product code: j6518_sd

Page 8 of 8

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>

Relevant H and EUH statements (number and full text)

| | |
|------|--|
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful 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.)