



## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### ARENAS®-exet 1

Revision date: 04.05.2017

Product code: j6551\_sd

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#### Hazard statements

H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.

#### Precautionary statements

P210 Keep away from sources of ignition - No smoking.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor.  
P331 Do NOT induce vomiting.

#### Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.

#### 2.3. Other hazards

None known.

### SECTION 3: Composition/information on ingredients

(according to 648/2004/CE)

#### 3.2. Mixtures

##### Chemical characterization

aliphatic hydrocarbons, nonionic surfactants 5-15%, water soluble solvents, fragrances (Hexyl cinnamal, Linalool, Benzyl salicylate, Geraniol, Lilial)

#### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64742-48-9	Hydrocarbons, dearomatized			55 - < 60 %
	265-150-3			
	Asp. Tox. 1; H304			
112-34-5	2-(2-Butoxyethoxy)ethanol			5 - < 10 %
	203-961-6	603-096-00-8		
	Eye Irrit. 2; H319			
69227-22-1	Alcohols, C10-16, ethoxylated, propoxylated			5 - < 10 %
	Acute Tox. 4, Eye Dam. 1; H302 H318			

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

Move to fresh air.

##### After contact with skin

Wash off immediately with soap and plenty of water.

##### 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.  
Aspiration hazard if swallowed - can enter lungs and cause damage.

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Get medical attention.

#### **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**

Carbon dioxide (CO<sub>2</sub>), Sand, Foam

##### **Unsuitable extinguishing media**

Water

#### **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.

### 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 or sanitary sewer system.

#### **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.

#### **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**

When using do not smoke. Keep away from open flames, hot surfaces and sources of ignition.

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

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

Store at room temperature in the original container. Keep away from direct sunlight. Store in a place accessible by authorized persons only.

##### **Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.

Do not store together with oxidizing and self-igniting products.

(See also section 10)

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

Keep away from heat and sources of ignition.

Keep container tightly closed.

Never return unused material to storage receptacle.

#### **7.3. Specific end use(s)**

This information is not available.

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL

#### Additional advice on limit values

Use only in well-ventilated areas.

### 8.2. Exposure controls

#### Appropriate engineering controls

Not required.

#### Protective and hygiene measures

General industrial hygiene practice. No special protective equipment required.

#### Hand protection

Protective gloves

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%.

#### 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: colourless  
 Odour: characteristic

#### Test method

pH-Value: not applicable

#### 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

Pour point: not applicable

Flash point: 24 °C

#### Flammability

Solid: not applicable

Gas: not applicable

#### Explosive properties

Not explosive

Lower explosion limits: not applicable

Upper explosion limits: not applicable

Ignition temperature: not applicable

#### Auto-ignition temperature

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Solid: not applicable

Gas: not applicable

Decomposition temperature: not determined

**Oxidizing properties**

Not relevant

Vapour pressure: not determined

Density (at 20 °C): 0,81 g/cm<sup>3</sup> K-QP1012EWater solubility:  
(at 20 °C) immiscible**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 30 °C. Keep away from direct sunlight.

**10.5. Incompatible materials**

Oxidizing agents (Peroxides, Nitric acid)

**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.

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
69227-22-1	Alcohols, C10-16, ethoxylated, propoxylated				
	oral	ATE 500 mg/kg			

#### 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

Repeated exposure may cause skin dryness or cracking.

#### Aspiration hazard

May be fatal if swallowed and enters airways. (Hydrocarbons, dearomatized)

#### Additional information on tests

Classification according to European directive on classification of hazardous preparations 1999/45/EC.

#### 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

If used as prescribed, the product does not get into the sewage system and thus not into ecological cycles. 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.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Container should be emptied thoroughly. Do not dispose of waste into sewer.

#### Waste disposal number of waste from residues/unused products

140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08);  
waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent mixtures; hazardous waste

#### Waste disposal number of used product

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140603 WASTE ORGANIC SOLVENTS, REFRIGERANTS AND PROPELLANTS (EXCEPT 07 AND 08);  
waste organic solvents, refrigerants and foam/aerosol propellants; other solvents and solvent  
mixtures; hazardous waste

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (Low boiling point hydrogen treated  
naphtha / C9-C12-alkanes)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Classification code: F1  
Limited quantity: 5 L  
Excepted quantity: E1  
Transport category: 3  
Hazard No: 30  
Tunnel restriction code: D/E

**Marine transport (IMDG)**

**14.1. UN number:** UN 3295  
**14.2. UN proper shipping name:** HYDROCARBONS, LIQUID, N.O.S. (Low boiling point hydrogen treated  
naphtha / C9-C12-alkanes)  
**14.3. Transport hazard class(es):** 3  
**14.4. Packing group:** III  
Hazard label: 3



Special Provisions: 223, 944  
Limited quantity: 5 L  
Excepted quantity: E1  
EmS: F-E, S-D

**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 relevant

**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 29: Hydrocarbons, dearomatized  
Entry 55: 2-(2-Butoxyethoxy)ethanol

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#### 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 / 3 / 16

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

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
EUH066	Repeated exposure may cause skin dryness or cracking.

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