

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

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

- **1.1 Product identifier**
- **Trade name** *Mer Caravan Camper Shampoo*
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** *Caravan Camper Shampoo*
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
*Festec Trade B.V.*  
*Kroonstraat 24*  
*4879 AV Etten-Leur*  
*Nederland*  
*Tel.: +31 (0)76 30 30 500*  
*Fax: +31 (0)76 30 30 510*  
*www.festec.nl*  
*E-mail: info@festec.nl*
- **Informing department:** *Product safety department*
- **1.4 Emergency telephone number:**  
*Poison Control Center, Mainz*  
*Tel. 00 49 / 61 31 / 19 240*

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
*Skin Irrit. 2            H315 Causes skin irritation.*  
*Eye Dam. 1            H318 Causes serious eye damage.*  
*Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.*

- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
*The product is classified and labelled according to the CLP regulation.*
- **Hazard pictograms**



GHS05

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**  
*Alcohols, C12-14, ethoxylated, sulfates, sodium salts*  
*Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)*
- **Hazard statements**  
*H315 Causes skin irritation.*  
*H318 Causes serious eye damage.*  
*H412 Harmful to aquatic life with long lasting effects.*
- **Precautionary statements**  
*P280                    Wear protective gloves/protective clothing/eye protection/face protection.*  
*P273                    Avoid release to the environment.*  
*P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*

(Contd. on page 2)

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

Trade name **Mer Caravan Camper Shampoo**

(Contd. of page 1)

P310 *Immediately call a POISON CENTER/doctor.*  
 P302+P352 *IF ON SKIN: Wash with plenty of water.*  
 P332+P313 *If skin irritation occurs: Get medical advice/attention.*

**-2.3 Other hazards****-Results of PBT and vPvB assessment****-PBT:** Not applicable.**-vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**-3.2 Mixtures****-Description:** Mixture of the substances listed below with harmless additions (aqueous solution).**-Dangerous components:**

CAS: 68891-38-3 NLP: 500-234-8 Reg.nr.: 01-2119488639-16	Alcohols, C12-14, ethoxylated, sulfates, sodium salts ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412	10-25%
CAS: 68155-07-7 EC number: 931-329-6 Reg.nr.: 01-2119490100-53	Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl) ⚠ Eye Dam. 1, H318; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315	< 2.5%

**-Regulation (EC) No 648/2004 on detergents / Labelling for contents**

anionic surfactants	5 - 15%
non-ionic surfactants, perfumes (AMYL CINNAMAL), mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1 mixture)	< 5%

**-Additional information**

The classification of one or more of the surfactants in this formulation is according to the specific concentration limits as defined in their REACH-Registration or in the CESIO-recommendations.

For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

**-4.1 Description of first aid measures****-General advice:** Instantly remove any clothing soiled by the product.**-After inhalation** Supply fresh air; consult doctor in case of symptoms.**-After skin contact**

Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

**-After eye contact** Rinse immediately opened eye for several minutes under running water. Then consult doctor.**-After swallowing** Do not induce vomiting. Drink water in small gulps. Summon a doctor immediately.**-4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**-4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

**-5.1 Extinguishing media****-Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**-For safety reasons unsuitable extinguishing agents** Water with a full water jet.**-5.2 Special hazards arising from the substance or mixture**

Can be released in case of fire:

(Contd. on page 3)

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

Trade name *Mer Caravan Camper Shampoo*

(Contd. of page 2)

*Sulphur dioxide (SO<sub>2</sub>)**carbon oxides (CO<sub>x</sub>)**organic decomposition products***- 5.3 Advice for firefighters****- Protective equipment:***Wear self-contained breathing apparatus.**See section 8.***- Additional information***Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.**Endangered containers in the surrounding area should be cooled with a water-hose.*

### SECTION 6: Accidental release measures

**- 6.1 Personal precautions, protective equipment and emergency procedures***Wear protective equipment. Keep off unprotected persons***- 6.2 Environmental precautions:***Dilute with much water.**If large amounts are released, the authorities must be informed.***- 6.3 Methods and material for containment and cleaning up:***Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).**Contaminated material has to be disposed as waste (see item 13).***- 6.4 Reference to other sections***See Section 7 for information on safe handling**See Section 8 for information on personal protection equipment.**See Section 13 for information on disposal.*

### SECTION 7: Handling and storage

**- 7.1 Precautions for safe handling** *No special precautions necessary if used correctly.***- Information about protection against explosions and fires:** *Pay attention to general rules of internal fire prevention.***- 7.2 Conditions for safe storage, including any incompatibilities****- Storage** *Keep containers tightly closed. Store in cool, dry conditions.***- Requirements to be met by storerooms and containers:***Observe official regulations on storage and handling of water hazardous substances***- Information about storage in one common storage facility:** *Not required.***- Further information about storage conditions:** *Protect from frost.***- 7.3 Specific end use(s)** *No further relevant information available.*

### SECTION 8: Exposure controls/personal protection

**- Additional information about design of technical systems:** *No further data; see item 7.***- 8.1 Control parameters****- Components with critical values that require monitoring at the workplace:***The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.***- Additional information:** *The lists that were valid during the compilation were used as basis.***- 8.2 Exposure controls****- Personal protective equipment****- General protective and hygienic measures***Keep away from food, beverages and fodder.*

(Contd. on page 4)

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

Trade name *Mer Caravan Camper Shampoo*

(Contd. of page 3)

Instantly remove any soiled and impregnated garments.

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

- **Breathing equipment:** Not required.

- **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Tightly sealed safety glasses.

- **Body protection:** Protective work clothing.

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Fluid

**Colour:** Yellow

- **Smell:** perfumed

- **Odour threshold:** Not determined.

- **pH-value at 20 °C:** 7.0-8.0

- **Change in condition**

**Melting point/Melting range:** Not determined

**Boiling point/Boiling range:** 100 °C

- **Flash point:** Product is non-flammable nor potentially explosive

- **Inflammability (solid, gaseous)** Not applicable.

- **Ignition temperature:**

**Decomposition temperature:** Not determined.

- **Self-inflammability:** Product is not selfigniting.

- **Danger of explosion:** Product is not potentially explosive

- **Critical values for explosion:**

**Lower:** Not determined.

**Upper:** Not determined.

- **Vapour pressure at 20 °C:** 23 hPa

- **Density at 20 °C** 1.026 g/cm<sup>3</sup>

- **Relative density** Not determined.

- **Vapour density** Not determined.

- **Evaporation rate** Not determined.

(Contd. on page 5)

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

Trade name Mer Caravan Camper Shampoo

(Contd. of page 4)

- <b>Solubility in / Miscibility with Water:</b>	Fully miscible
- <b>Partition coefficient (n-octanol/water):</b>	Not determined.
- <b>Viscosity:</b>	
dynamic:	Not determined.
kinematic:	Not determined.
- <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** strong oxidizing agents
- **10.6 Hazardous decomposition products:**  
Thermal decomposition can produce a variety of compounds, the precise nature of which will depend on the decomposition conditions.

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
  - **Acute toxicity**
- |   |      |                    |
|---|------|--------------------|
| - <b>LD/LC50 values that are relevant for classification:</b>           |      |                    |
| <b>68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b> |      |                    |
| Oral  | LD50 | 4100 mg/kg (rat)   |
| Dermal  | LD50 | > 2000 mg/kg (rat) |
- **Primary irritant effect:**
  - **Skin corrosion/irritation** Irritant for skin and mucous membranes.
  - **Serious eye damage/irritation** Strong irritant with the danger of severe eye injury.
  - **Respiratory or skin sensitisation** No sensitizing effect known.

### SECTION 12: Ecological information

- **12.1 Toxicity**

- <b>Aquatic toxicity:</b>	
<b>68155-07-7 Amides, C8-18 (even numbered) and C18-unsatd., N, N-bis(hydroxyethyl)</b>	
EC 50 / 48 h	3.2 mg/l (Daphnia)
EC 50 / 72 h	18.6 mg/l (Algae)
LC 50 / 96 h	2.4 mg/l (fish)
NOEC	0.32 mg/l (fish) (28 Tage) 0.07 mg/l (Daphnia) (21 Tage)
NOEC / 72 h	2 mg/l (Algae)

(Contd. on page 6)

— GB —

## Safety data sheet

### according to 1907/2006/EC, Article 31

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

Trade name *Mer Caravan Camper Shampoo*

(Contd. of page 5)

**68891-38-3 Alcohols, C12-14, ethoxylated, sulfates, sodium salts**

EC 50 / 48 h	7.2 mg/l ( <i>Daphnia magna</i> )
EC 50 / 96 h	7.5 mg/l (Algae)
LC 50 / 96 h	7.1 mg/l (fish)
NOEC	0.27 mg/l ( <i>Daphnia magna</i> ) (21 Tage)

- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- **Additional ecological information:**
- **General notes:**  
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.  
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

**SECTION 13: Disposal considerations**

- **13.1 Waste treatment methods**  
The following advice is related to new material and not to any processed products. In case of a mixture with other products other disposal methods may become necessary. If in doubt seek advice from product supplier or from local authorities.
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key number:**  
Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.
- **Uncleaned packagings:** Disposal must be made according to official regulations.
- **Recommendation:**  
After complete emptying and cleaning, send to be reconditioned or recycled.  
Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.  
Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

**SECTION 14: Transport information**

- |                                       |      |
|---------------------------------------|------|
| - <b>14.1 UN-Number</b>               |      |
| - <b>ADR, IMDG, IATA</b>              | Void |
| - <b>14.2 UN proper shipping name</b> |      |
| - <b>ADR, IMDG, IATA</b>              | Void |

(Contd. on page 7)

— GB —

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

Trade name *Mer Caravan Camper Shampoo*

(Contd. of page 6)

<b>- 14.3 Transport hazard class(es)</b>	
- ADR, IMDG, IATA	
- Class	Void
<b>- 14.4 Packing group</b>	
- ADR, IMDG, IATA	Void
<b>- 14.5 Environmental hazards:</b>	
- Marine pollutant:	No
<b>- 14.6 Special precautions for user</b>	
	Not applicable.
<b>- 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	
	Not applicable.
<b>- Transport/Additional information:</b>	
	Not dangerous according to the above specifications.
<b>- UN "Model Regulation":</b>	
	-

### SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- Information about limitation of use: Employment restrictions concerning young persons must be observed.
- Water hazard class:  
Water hazard class 1 (self assessment according to German VwVwS (Regulations for water-hazardous substances): slightly hazardous for water.
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**  
Complete wording of hazard statements and risk phrases (H- and R-phrases) mentioned in section 3. These phrases refer to the constituents. The labelling for this product is stated in section 2.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H411 Toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.
- **Department issuing data specification sheet:** see item 1: Informing department
- **Abbreviations and acronyms:**  
LEV: Local Exhaust Ventilation  
RPE: Respiratory Protective Equipment  
RCR: Risk Characterisation Ratio (RCR= PEC/PNEC)  
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  
CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)

(Contd. on page 8)

— GB —

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 04.01.2018

Version number 3

Revision: 04.01.2018

---

**Trade name Mer Caravan Camper Shampoo**

---

(Contd. of page 7)

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1*

*Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2*

*Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3*

---

—GB—