

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 03.12.2009

Revision: 03.12.2009

1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name: F1 CarClean P-Clean 14**
- **Application of the substance / the preparation** Cleaning material/ Detergent
- **Manufacturer/Supplier:**
 Detlef Francé
 F1 CLEAN EUROPA VERTRIEB
 Mühlenstr. 11 e
 84174 Eching
 Tel.: 0049 8709/928352
 Fax: 0049 8709/928353
 Mobil: 0049 151/56910460
 vertrieb@f1clean.info
 www.f1clean.info
- **Further information obtainable from:** vertrieb@f1clean.info
- **Information in case of emergency:** 112

2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**
 The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 R 38 Irritating to skin.
 R 41 Risk of serious damage to eyes.
 R 43 May cause sensitisation by skin contact.
- **Classification system:**
 The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

	ISOTRIDECEETH-10 ☒ Xn, ☒ Xi; R 22-41	5-10%
CAS: 10595-49-0	3-Lauramidopropyl trimethyl ammonium methyl sulfate ☒ Xn, ☒ Xi; R 20/21/22-36/38-43	5-10%
	Alanin,N,N-bis(carboxymethyl)-,trisodium salt ☒ Xi; R 36/38	2.5-5%
CAS: 6834-92-0 EINECS: 229-912-9	disodium metasilicate ☒ C, ☒ Xi; R 34-37	2.5-5%
CAS: 111-76-2 EINECS: 203-905-0	2-butoxyethanol ☒ Xn, ☒ Xi; R 20/21/22-36/38	≤ 2.5%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

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(Contd. on page 2)

Safety Data Sheet

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Trade name: F1 CarClean P-Clean 14

(Contd. of page 1)

4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.

- **Ingredients with limit values that require monitoring at the workplace:**

111-76-2 2-butoxyethanol	
WEL	Short-term value: 50 ppm Long-term value: 25 ppm Sk

- **Additional information:** The lists valid during the making were used as basis.

- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.

(Contd. on page 3)

Safety Data Sheet

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Revision: 03.12.2009

Trade name: **F1 CarClean P-Clean 14**

(Contd. of page 2)

· **Protection of hands:**

Protective gloves

· **Material of gloves** Rubber gloves· **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:** Safety glasses

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range:	0°C
Boiling point/Boiling range:	100°C

· **Flash point:** Not applicable.· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Vapour pressure at 20°C:** 23 hPa· **Density at 20°C:** 1.071 g/cm³· **Solubility in / Miscibility with water:** Fully miscible.· **pH-value at 20°C:** 12· **Viscosity:**

Kinematic at 20°C:	7 s (DIN 53211/4)
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10 Stability and reactivity

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known.· **Dangerous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**· **Primary irritant effect:**· **on the skin:** No irritant effect.· **on the eye:** No irritating effect.· **Sensitization:** Sensitization possible through skin contact.

(Contd. on page 4)

Safety Data Sheet

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Revision: 03.12.2009

Trade name: FI CarClean P-Clean 14

(Contd. of page 3)

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

- **Sensitisation** May cause sensitisation by skin contact.

12 Ecological information

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

13 Disposal considerations

· **Product:**

- **Recommendation** Smaller quantities can be disposed of with household waste.

· **Uncleaned packaging:**

- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **Maritime transport IMDG:**

- **Marine pollutant:** No

15 Regulatory information

· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· **Code letter and hazard designation of product:**

Xi Irritant

· **Hazard-determining components of labelling:**

3-Lauramidopropyl trimethyl ammonium methyl sulfate

· **Risk phrases:**

38 Irritating to skin.

41 Risk of serious damage to eyes.

43 May cause sensitisation by skin contact.

· **Safety phrases:**

2 Keep out of the reach of children.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

37/39 Wear suitable gloves and eye/face protection.

(Contd. on page 5)

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Trade name: FI CarClean P-Clean 1446 *If swallowed, seek medical advice immediately and show this container or label.*

(Contd. of page 4)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant R-phrases20/21/22 *Harmful by inhalation, in contact with skin and if swallowed.*22 *Harmful if swallowed.*34 *Causes burns.*36/38 *Irritating to eyes and skin.*37 *Irritating to respiratory system.*41 *Risk of serious damage to eyes.*43 *May cause sensitisation by skin contact.***· * Data compared to the previous version altered.**

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