

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.10.2009

Revision: 12.10.2009

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

- **Product details**
- **Trade name:** *F1 CLEAN CARWASH Wax 80*
Hochleistungs-Konservierer
- **Application of the substance / the preparation** *Protective impregnation*
- **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:**



Xn Harmful

- **Information concerning particular hazards for human and environment:**
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
R 22 Harmful if swallowed.
R 41 Risk of serious damage to eyes.
- **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:**

CAS: 107-21-1 EINECS: 203-473-3	ethanediol ☒ Xn; R 22	25 < 50%
	Combination of Cationic Detergents, Quaternary ammonium compounds, di(hydrogenated tallow-alkyl) 2-hydroxyethyl methyl, methosulfates CAS 91995-81-2 ☒ Xi; R 38-41-52/53	5 < 10%
	COCAMIDE DEA ☒ Xi; R 38-41	2.5 < 5%

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

GB

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.10.2009

Revision: 12.10.2009

Trade name: FI CLEAN CARWASH Wax 80
Hochleistungs-Konservierer

(Contd. of page 1)

4 First aid measures

- **General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- **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. Then consult a doctor.
- **After swallowing:** Call for a doctor immediately.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.
- **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).
 Dispose contaminated material as waste according to item 13.
 Ensure adequate ventilation.

7 Handling and storage

- **Handling:**
- **Information for safe handling:**
 Ensure good ventilation/exhaustion at the workplace.
 Prevent formation of aerosols.
- **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:**

107-21-1 ethanediol

WEL	Short-term value: 104** mg/m ³ , 40** ppm
	Long-term value: 10* 52** mg/m ³ , 20** ppm
	Sk *particulate **vapour

- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
 Keep away from foodstuffs, beverages and feed.

(Contd. on page 3)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 12.10.2009

Revision: 12.10.2009

Trade name: FI CLEAN CARWASH Wax 80
Hochleistungs-Konservierer

(Contd. of page 2)

Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes.

- **Respiratory protection:** Not required.
- **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:**



Tightly sealed goggles

9 Physical and chemical properties

· General Information

Form:	Fluid
Colour:	Yellow
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.

· Explosion limits:

Lower:	3.2 Vol %
Upper:	53.0 Vol %

· **Vapour pressure at 20°C:** 23 hPa

· **Density at 20°C:** 1.047 g/cm³

· **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

· **pH-value at 20°C:**

7

· Viscosity:

Kinematic at 20°C: 10 s (DIN 53211/4)

GB

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 12.10.2009

Revision: 12.10.2009

Trade name: FI CLEAN CARWASH Wax 80
Hochleistungs-Konservierer

(Contd. of page 3)

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:**

· **LD/LC50 values relevant for classification:**

107-21-1 ethanediol

Oral	LD50	5840 mg/kg (rat)
Dermal	LD50	9530 mg/kg (rabbit)

· **Primary irritant effect:**

- **on the skin:** No irritant effect.
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effects known.

· **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:

Harmful
Irritant

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.

13 Disposal considerations

· **Product:**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

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

14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** No

(Contd. on page 5)

Safety Data Sheet
according to 1907/2006/EC, Article 31

Printing date 12.10.2009

Revision: 12.10.2009

Trade name: FI CLEAN CARWASH Wax 80
Hochleistungs-Konservierer

(Contd. of page 4)

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**
Xn Harmful
- **Hazard-determining components of labelling:**
ethanediol
- **Risk phrases:**
22 Harmful if swallowed.
41 Risk of serious damage to eyes.
- **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.
36/39 Wear suitable protective clothing and eye/face protection.
46 If swallowed, seek medical advice immediately and show this container or label.
56 Dispose of this material and its container to hazardous or special waste collection point.
- **Special labelling of certain preparations:**
Contains Duftstoff Am. May produce an allergic reaction.

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-phrases**
22 Harmful if swallowed.
38 Irritating to skin.
41 Risk of serious damage to eyes.
52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- *** Data compared to the previous version altered.**

GB