

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 06.10.2009

Revision: 06.10.2009

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

- **Product details**
- **Trade name:** F1 CLEAN PFLEGEÖL FÜR EDELSTAHL UND ALUMINIUMARTEN
(für die Oldtimerpflege)
- **Application of the substance / the preparation** Metal surface treatment
- **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.
At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.
R 10 Flammable.
R 53 May cause long-term adverse effects in the aquatic environment.
R 65 Harmful: may cause lung damage if swallowed.
- **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:**

Kohlenwasserstoffe / Hydrocarbons (Benzene free) CAS 64741-65-7	50-100%
Xn; R 10-53-65-66	

Hydrocarbons

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

4 First aid measures

- **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.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 06.10.2009

Revision: 06.10.2009

Trade name: FI CLEAN PFLEGEOL FÜR EDELSTAHL UND ALUMINIUMARTEN
(für die Oldtimerpflege)

(Contd. of page 1)

· **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.
- **For safety reasons unsuitable extinguishing agents:** *Water with full jet*
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **Person-related safety precautions:** *Wear protective equipment. Keep unprotected persons away.*
- **Measures for environmental protection:**
*Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
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.*

7 Handling and storage

- **Handling:**
- **Information for safe handling:** *Open and handle receptacle with care.*
- **Information about fire - and explosion protection:**
*Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.*
- **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:** *Keep container tightly sealed.*

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:**
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 valid during the making were used as basis.*
- **Personal protective equipment:**
- **General protective and hygienic measures:**
*Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
Store protective clothing separately.*
- **Respiratory protection:** *Not required.*

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 06.10.2009

Revision: 06.10.2009

Trade name: FI CLEAN PFLEGEÖL FÜR EDELSTAHL UND ALUMINIUMARTEN
(für die Oldtimerpflege)

(Contd. of page 2)

· **Protection of hands:**

Protective gloves

· **Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material: ≥ 0.4 mm· **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.

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

PVC gloves

· **As protection from splashes gloves made of the following materials are suitable: PVC gloves**· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic

· **Change in condition**Melting point/Melting range: $< -10^{\circ}\text{C}$ Boiling point/Boiling range: 175°C · **Flash point:** 44°C · **Ignition temperature:** 450°C · **Self-igniting:** Product is not selfigniting.· **Danger of explosion:**

Explosion limits:	
Lower:	0.7 Vol %
Upper:	6.5 Vol %

· **Vapour pressure at 20°C :** 1.1 hPa· **Density at 20°C :** 0.775 g/cm^3 · **Solubility in / Miscibility with water:** Not miscible or difficult to mix.· **pH-value at 20°C :** -

Viscosity:	
Kinematic at 20°C:	7 s (DIN 53211/4)

GB

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 06.10.2009

Revision: 06.10.2009

Trade name: FI CLEAN PFLEGEÖL FÜR EDELSTAHL UND ALUMINIUMARTEN
(für die Oldtimerpflege)

(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:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **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:

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:** 3 Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1993
- **Packaging group:** III
- **Hazard label:** 3

(Contd. on page 5)

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

Printing date 06.10.2009

Revision: 06.10.2009

Trade name: FI CLEAN PFLEGEÖL FÜR EDELSTAHL UND ALUMINIUMARTEN
(für die Oldtimerpflege)

(Contd. of page 4)

· **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S., mixture

· **Maritime transport IMDG:**



· **IMDG Class:** 3
 · **UN Number:** 1993
 · **Label:** 3
 · **Packaging group:** III
 · **EMS Number:** F-E,S-E
 · **Marine pollutant:** No
 · **Proper shipping name:** FLAMMABLE LIQUID, N.O.S., mixture

· **Air transport ICAO-TI and IATA-DGR:**



· **ICAO/IATA Class:** 3
 · **UN/ID Number:** 1993
 · **Label:** 3
 · **Packaging group:** III
 · **Proper shipping name:** FLAMMABLE LIQUID, N.O.S., mixture

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:**

Kohlenwasserstoffe / Hydrocarbons (Benzene free) CAS 64741-65-7
hydrocarbons

· **Risk phrases:**

10 Flammable.
 53 May cause long-term adverse effects in the aquatic environment.
 65 Harmful: may cause lung damage if swallowed.

· **Safety phrases:**

2 Keep out of the reach of children.
 16 Keep away from sources of ignition - No smoking.
 29 Do not empty into drains.
 62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

· **National regulations:**

· **Other regulations, limitations and prohibitive regulations**

94/69/EG (21. ATP) Benzene < 0,1 %. P .

(Contd. on page 6)

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

Printing date 06.10.2009

Revision: 06.10.2009

Trade name: FI CLEAN PFLEGEÖL FÜR EDELSTAHL UND ALUMINIUMARTEN
(für die Oldtimerpflege)

(Contd. of page 5)

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

aliphatic hydrocarbons

≥ 30%

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**

10 Flammable.

53 May cause long-term adverse effects in the aquatic environment.

65 Harmful: may cause lung damage if swallowed.

66 Repeated exposure may cause skin dryness or cracking.

· * **Data compared to the previous version altered.**

GB