

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2009

Revision: 08.10.2009

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

- **Product details**
- **Trade name:** **F1 CLEAN CARWASH AntiCalc Multi 92**
Reinigung und Entkalkung von Textilbürsten
- **Application of the substance / the preparation**
Cleaning material/ Detergent
Deliming agent
- **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 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 38 Irritating to skin.
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: 7664-38-2 EINECS: 231-633-2	phosphoric acid	C; R 34	10 < 20%
	ISOTRIDECETH-10	Xn, Xi; R 22-41	5 < 10%
	Phosphorsäuremonomethylester	C; R 34	≤ 2.5%

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

4 First aid measures

- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

(Contd. on page 2)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2009

Revision: 08.10.2009

Trade name: FI CLEAN CARWASH AntiCalc Multi 92
Reinigung und Entkalkung von Textilbürsten

(Contd. of page 1)

- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **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).

7 Handling and storage

- **Handling:**
- **Information for safe handling:** 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:** 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:**

7664-38-2 phosphoric acid	
WEL	Short-term value: 2 mg/m ³
	Long-term value: 1 mg/m ³

- **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.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
- **Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed.
- **Protection of hands:**



Protective gloves

- **Material of gloves:** Rubber gloves

(Contd. on page 3)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2009

Revision: 08.10.2009

Trade name: FI CLEAN CARWASH AntiCalc Multi 92
Reinigung und Entkalkung von Textilbürsten

(Contd. of page 2)

· **Penetration time of glove material**

The exact break trough 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 or PE gloves

· **Eye protection:**



Tightly sealed goggles

· **Body protection:**

Acid resistant protective clothing

Apron

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	Orange
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:** 1.116 g/cm³

· **Solubility in / Miscibility with water:** Easily soluble.

· **pH-value at 20°C:** 1

· **Viscosity:**

Kinematic at 20°C: 10 s (DIN 53211/4)

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.

GB

(Contd. on page 4)

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2009

Revision: 08.10.2009

Trade name: FI CLEAN CARWASH AntiCalc Multi 92
Reinigung und Entkalkung von Textilbürsten

(Contd. of page 3)

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** 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:
 Irritant

12 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 (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 decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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:** 8 Corrosive substances.
- **Danger code (Kemler):** 80
- **UN-Number:** 3264
- **Packaging group:** III
- **Hazard label:** 8

(Contd. on page 5)

GB

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 08.10.2009

Revision: 08.10.2009

Trade name: FI CLEAN CARWASH AntiCalc Multi 92
Reinigung und Entkalkung von Textilbürsten

(Contd. of page 4)

· **Description of goods:** 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, SOLUTION, Phosphorsäuremonomethylester)

· **Maritime transport IMDG:**



· **IMDG Class:** 8
 · **UN Number:** 3264
 · **Label:** 8
 · **Packaging group:** III
 · **EMS Number:** F-A,S-B
 · **Marine pollutant:** No
 · **Proper shipping name:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, SOLUTION, Phosphorsäuremonomethylester)

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



· **ICAO/IATA Class:** 8
 · **UN/ID Number:** 3264
 · **Label:** 8
 · **Packaging group:** III
 · **Proper shipping name:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (PHOSPHORIC ACID, SOLUTION, Phosphorsäuremonomethylester)

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:**

Xi Irritant

· **Risk phrases:**

38 Irritating to skin.

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.

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

46 If swallowed, seek medical advice immediately and show this container or label.

· **National regulations:**

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

non-ionic surfactants

5 - 15%

(Contd. on page 6)

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

Printing date 08.10.2009

Revision: 08.10.2009

Trade name: FI CLEAN CARWASH AntiCalc Multi 92
Reinigung und Entkalkung von Textilbürsten

(Contd. of page 5)

perfumes (BENZYL SALICYLATE, (R)-p-mentha-1,8-diene, Hexyl
cinnamic aldehyde)

< 5%

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.

34 Causes burns.

41 Risk of serious damage to eyes.

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

GB