

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 SPEZIALPRODUKT KAUGUMMIENTFERNER FÜR TAXI UND BUS
- **Application of the substance / the preparation** Surface cleanser
- **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
 N Dangerous for the environment

- **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 10 Flammable.

R 38 Irritating to skin.

R 43 May cause sensitisation by skin contact.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 59 Dangerous for the ozone layer.

- **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 Xn; R 10-53-65-66	50-100%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene Xi, N; R 10-38-43-50/53	25 < 50%

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

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4 First aid measures

- **After inhalation:**
Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **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.
- **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:**
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:** Keep receptacles tightly sealed.
- **Information about fire - and explosion protection:**
Fumes can combine with air to form an explosive mixture.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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.
Immediately remove all soiled and contaminated clothing

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Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Not required.

· **Protection of hands:**



Protective gloves

· **Material of gloves** Nitrile rubber, NBR

· **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.

· **As protection from splashes gloves made of the following materials are suitable:** Rubber 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: < -30°C

Boiling point/Boiling range: 150°C

· **Flash point:** 43°C

· **Ignition temperature:** 255°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

· **Explosion limits:**

Lower: 0.7 Vol %

Upper: 6.1 Vol %

· **Vapour pressure at 20°C:** 2.3 hPa

· **Density at 20°C:** 0.795 g/cm³

· **Solubility in / Miscibility with water:** Not miscible or difficult to mix.

· **pH-value at 20°C:** -

· **Viscosity:**

Kinematic at 20°C: 7 s (ISO 4 mm)

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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:**

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

5989-27-5 (R)-p-mentha-1,8-diene

Oral	LD50	4400 mg/kg (rat)
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- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** No irritating effect.

- **Sensitization:** Sensitization possible through skin contact.

- **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

- **Ecotoxicological effects:**

- **Remark:** Very toxic for fish

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Very toxic for aquatic organisms

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.

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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
- **Special marking:** Symbol (fish and tree)
- **Description of goods:** 1993 FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-16, hydrotreated, dearomatized)

· Maritime transport IMDG:



- **IMDG Class:** 3
- **UN Number:** 1993
- **Label:** 3
- **Packaging group:** III
- **EMS Number:** F-E,S-E
- **Marine pollutant:** Yes
Symbol (fish and tree)
- **Proper shipping name:** FLAMMABLE LIQUID, N.O.S. (Hydrocarbons, C9-16, hydrotreated, dearomatized)

· 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. (Hydrocarbons, C9-16, hydrotreated, dearomatized)

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

N Dangerous for the environment

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

Kohlenwasserstoffe / Hydrocarbons (Benzene free) CAS 64741-65-7
(R)-p-mentha-1,8-diene

· **Risk phrases:**

- 10 Flammable.
38 Irritating to skin.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
65 Harmful: may cause lung damage if swallowed.
59 Dangerous for the ozone layer.

· **Safety phrases:**

- 2 Keep out of the reach of children.
24 Avoid contact with skin.
37 Wear suitable gloves.
62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

· **National regulations:**

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

aliphatic hydrocarbons	≥ 30%
perfumes ((R)-p-mentha-1,8-diene)	15 - 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.
38 Irritating to skin.
43 May cause sensitisation by skin contact.
50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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.**