

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

Printing date 17.05.2010

Revision: 07.05.2010

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

- **Product details**
- **Trade name:** STAPA TA Ferricon ...
- **MSDS number:** FETA1
- **Application of the substance / the preparation** Pigment
- **Manufacturer/Supplier:**  
ECKART GmbH  
Güntersthal 4  
D-91235 Hartenstein
- **Further information obtainable from:**  
O-SE-RA  
Tel. +49 (0)9152 - 77 4492  
Angelika.HartlGunselmann@altana.com
- **Information in case of emergency:**  
GBK Gefahrgut Büro GmbH, Ingelheim, Germany:  
From Outside US: (001) 352-323-3500  
(First call in English / Response in your language is possible)  
Toll free (US&Canada): 1-800-5355053

**2 Hazards identification**

- **Hazard description:**  
F Highly flammable
- **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.  
Has a narcotizing effect.  
R 11 Highly flammable.  
R 66 Repeated exposure may cause skin dryness or cracking.
- **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: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy	Xn; R 10-65-66	15-35%
CAS: 7439-89-6 EINECS: 231-096-4	iron		65-85%

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

**4 First-aid measures**

- **General information:**  
Take affected persons out into the fresh air.  
Take affected persons out of danger area and lay down.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

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- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
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:**  
ABC powder  
Special powder for metal fires. Do not use water.  
Use fire extinguishing methods suitable to surrounding conditions.  
Dry sand
- **For safety reasons unsuitable extinguishing agents:** Water

## 6 Accidental release measures

- **Person-related safety precautions:**  
Avoid formation of dust.  
Keep away from ignition sources.  
Wear protective equipment. Keep unprotected persons away.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Do not flush with water or aqueous cleansing agents  
Pick up mechanically.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Store in cool, dry place in tightly closed receptacles.  
Any unavoidable deposit of dust must be regularly removed.  
Prevent formation of dust.
- **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Protect from heat.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:**  
Store away from flammable substances.  
Store away from oxidizing agents.
- **Further information about storage conditions:**  
Prevent from drying out.  
Keep container tightly sealed.  
Store in cool, dry conditions in well sealed receptacles.

## \* 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.

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- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Do not eat, drink, smoke or sniff while working.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Suitable respiratory protective device recommended.
- **Protection of hands:**  
Leather gloves  
Preventive skin protection by use of skin-protecting agents is recommended.  
Prior to contact with the waterinsoluble substance / product / preparation apply watersoluble skin-protecting agent (fat-free film former or O/W-emulsions).
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **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.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Pasty
<b>Colour:</b>	Silver grey
<b>Odour:</b>	Characteristic

### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** 180°C

· **Flash point:** 36°C

· **Ignition temperature:** 240.0°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:

<b>Lower:</b>	0.6 Vol %
<b>Upper:</b>	7.0 Vol %

· **Vapour pressure at 20°C:** 1.0 hPa

· **Density:** Not determined.

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

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.

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- No decomposition if used according to specifications.
- **Materials to be avoided:**
- **Dangerous reactions** Reacts with acids, alkalis and oxidizing agents.
- **Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**

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

**64742-48-9 Naphtha (petroleum), hydrotreated heavy**

Oral	LD50	>5000 mg/kg (rat)
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Dermal	LD50	>3000 mg/kg (rab)
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- **Primary irritant effect:**

- **on the skin:** No irritant effect.

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

- **Sensitization:** No sensitizing effects known.

- **Additional toxicological information:**

Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, dizziness, etc.

## 12 Ecological information

- **Additional ecological information:**

- **General notes:**

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

Do not allow product 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.

- **European waste catalogue**

12 01 02	ferrous metal dust and particles L 47/20 16.2.2001 Official Journal of the European Communities EN
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- **Uncleaned packaging:**

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

## 14 Transport information

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

- **ADR/RID class:** 4.1 Flammable solids, self-reactive substances and solid desensitised explosives.

- **Danger code (Kemler):** 40

- **UN-Number:** 1325

- **Packaging group:** II

- **Hazard label** 4.1

- **Description of goods:** 1325 ENTZÜNDBARER ORGANISCHER FESTER STOFF, N.A.G.  
(Eisenpigmentpaste)  
1325 FLAMMABLE SOLID, ORGANIC, N.O.S. (iron pigment paste)

- **Maritime transport IMDG:**

- **IMDG Class:** 4.1

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- **UN Number:** 1325
- **Label** 4.1
- **Packaging group:** II
- **EMS Number:** F-G,S-G
- **Marine pollutant:** No
- **Proper shipping name:** FLAMMABLE SOLID, ORGANIC, N.O.S. (iron pigment paste)

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** 4.1
- **UN/ID Number:** 1325
- **Label** 4.1
- **Packaging group:** II
- **Proper shipping name:** FLAMMABLE SOLID, ORGANIC, N.O.S. (iron pigment paste)

## 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:**



F Highly flammable

- **Risk phrases:**

- 11 Highly flammable.
- 66 Repeated exposure may cause skin dryness or cracking.

- **Safety phrases:**

- 7/8 Keep container tightly closed and dry.
- 43 In case of fire, use dry sand. Never use water.

- **National regulations:**

- **Technical instructions (air):**

Class	Share in %
NK	25-50

## 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.
- 65 Harmful: may cause lung damage if swallowed.
- 66 Repeated exposure may cause skin dryness or cracking.

- **Department issuing MSDS:** O-SE-RA Regulatory Affairs

- **Contact:**

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- **\* Data compared to the previous version altered.**