

Product: **Special Decalcifier for Franke Flair/Saphira**

1. Substance/Preparation and Company Designations

Product name:
Special Decalcifier for Franke Flair/Saphira

Manufacturer:
Schulz & Sohn GmbH
Chemie-Erzeugnisse
Hoeheweg 327
40231 Düsseldorf, Germany

Tel.: +49 211 780379 + 785231
Fax: +49 211 787205


Emergency Poison Hotline (24 hrs):
Tel.: +49 30 19240

2. Composition / Ingredient Information

Chemical classification:

Description:
Cleaner

Ingredients:

Content:	Chem. description:	CAS No.: Index No.:	R phrases:	Symbols:
<20%	Amidosulphuric acid	5329-14-6	36/38-52/53	 Xi

Additional ingredients:
Organic acids, colour indicator, accessory agents.

3. Potential Hazards

Special hazard note for humans and environment:

Irritating to eyes and skin

Hazard designation:



Xi Irritant

4. First Aid Measures

After inhalation:

Remove to fresh air.

After skin contact:

Rinse with plenty of clean water.

After eye contact:

Flush eyes with plenty of water while holding eyelids apart for at least 15 minutes (eye rinse cup).

Seek medical attention if irritation persists.

After ingestion:

Drink large quantities of clean water.

Product: Special Decalcifier for Franke Flair/Saphira

5. Fire Fighting Measures

Suitable extinguishing media:

The product itself is not flammable.

In case of fire, use an extinguishing media suitable for the environment in which the fire is occurring.

Special protective gear:

Personal protective gear (see Item 8)

6. Accidental Release Measures

Safety measures for personnel:

Avoid direct contact with product.

Environmental safety measures:

Do not allow product to seep undiluted and in larger quantities into the waste water system/ground water.

Cleanup/Pickup:

Use suitable media (e.g. diatomite) to pick up and dispose of product spills.

Continue to use non-polluted product.

7. Handling and Storage

Handling:

Safe handling notes:

Comply with the usual safety measures for handling chemicals.

Fire and explosion prevention notes:

None. The product itself is not flammable.

Storage:

Storage area and container requirements:

Keep product in suitable and tightly closed containers.

Safety notes on storing product with other substances:

None required.

8. Exposure Control and Personal Protective Gear

Personal protective gear:

Respiration:

If product is sprayed: Suitable respiratory protection.

Eye protection:

Protective goggles

General safety and hygiene measures:

Comply with the usual safety measures for handling chemicals.

Skin:

Use suitable chemical-resistant protective gloves (EN 374).

(Recommended level 6 corresponding with >480 min. Permeation time acc. to EN 374)

Product: Special Decalcifier for Franke Flair/Saphira

Glove recommendation KCL:	Art. No. KCL:	Material:	Layer thickness	Level value: (Permeation level)	Swelling:	Penetration level:
Combi-Latex	395	Natural latex	1 mm	6	+	3
Camapren	720	Polychloroprene with natural latex	0.65 mm	6	+	3
Camatril Velours	730	Nitrile	0.4 mm	6	+	3
Lapren	706	Natural latex - polychloroprene latex	0.6 mm	6	+	3
Combi-Rutschni	465	Natural latex	1 mm	6	+	3

(Level values:	Level 1 > 10 minutes Level 4 > 120 minutes	Level 2 > 30 minutes Level 5 > 240 minutes	Level 3 > 60 minutes Level 6 > 480 minutes
Resistance to swelling: + resistant	- not resistant	0 limited resistance	Z destroyed
Penetration level:	Level 3 = AQL value 0.65 = 100 % impenetrable)		

Data is based on manufacturer information. Please remember that the daily duration of use of a chemical protective glove may actually be significantly shorter than the permeation time determined by EN 374 by due to the many factors affecting the glove (e.g. heat).

Unsuitable glove materials:

Cloth/textile:

9. Physical and Chemical Properties

Physical state: liquid
Colour: red
Odour: neutral

Change of state:
Melting point/melting range: < 0° C
Boiling point/boiling range: >100° C

Flash point: n/a

Inflammation temperature:

Explosion hazard:
Explosion limits: Lower: n/a
Upper: n/a

Vapour pressure at 20° C
Density at 20° C 1.105 g/l.

Solubility in water at 20° C completely soluble
pH value (10 g/l) at 25° C approx. 2.0

Product: Special Decalcifier for Franke Flair/Saphira

10. Stability and Reactivity

Thermal decomposition / conditions to be avoided:

None when stored / handled / transported suitably.

Hazardous reactions:

None when stored / handled / transported suitably.

Hazardous decomposition products:

None when stored / handled / transported suitably.

11. Toxicology Information

Acute toxicity:

Primary skin irritant: Irritancy

Primary eye irritant: Irritancy

Sensitization: No known sensitization effect.

12. Ecology Information

General notes:

The product is readily biodegradable.

Water pollution class (WPC): 1 (self-rating): Slight water pollutant

13. Disposal Notes

Product:

Recommendation:

Comply with local rules and regulations.

Unclean packaging:

Recommendation:

Comply with local rules and regulations.

Recommended cleaner:

Water

14. Transport Information

Land-carriage: ADR/RID/GGVS/GGVE

Class Digit/Letter UN No.:

n/a

Material designation:

n/a

Product: Special Decalcifier for Franke Flair/Saphira

15.Regulatory Information

Labelled according to Hazardous Materials Law / EC:

Code letter and hazard designation of the product:

Xi Irritant

R-phrases:

R 36/38 Irritating to eyes and skin

S-phrases:

S2 Keep out of reach of children

S24/25 Avoid contact with skin and eyes

S37/39 Wear suitable gloves and eye/face protection

National Regulations

Water pollution class: WPC 1 (self-rating): Slight water pollutant

16.Other Information

Relevant R phrases:

These R phrases apply to the components of the preparation or compound in hand and do not necessarily indicate the classification of the preparation or compound.

R 36/38 Irritating to eyes and skin

R 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

The information above is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product. The recipients of our products are independently responsible for complying with existing laws and regulations.

Data Sheet prepared by:

Nutrition Dept.

Contact:

Mr K.D. Schulz, Mr Peter Dykta