SAFETY DATA SHEET
according to REGULATION (EC) No 1907/2006

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

Identification of the product: **CORATEX**

Use of the product:

Cleaning Emulsion for plastic processing machines

Company identification:

Company: Saint-Gobain Abrasives GmbH

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2. Hazards Identification

This cleaning emulsion is not a dangerous preparation according to directive 1999/45/EC.
See also section 8 and 16.

3. Composition/Information on Ingredients

The product contains the following ingredients which are classified according to 67/548/EEC and 99/45/EC

	Name	EC Nr. (ELINCS/EINECS)	CAS N°	Concentration range	Classification
1	Isotridecanol ethoxylate	500-241-6	69011-36-5	< 2	Xn, Xi; R22, R41
2	Ammonia aqueous	215-647-6	1336-21-6	< 3	C, N; R34, R50
3	Butylglycolacetate	203-933-3	112-07-2	< 5	Xn; R20/21
4	Naphtha (petroleum), hydrodesulfurized heavy	919-164-8	64742-82-1	< 30	Xn; R65, R66

(For the full text of the R-phrases see section 16)

4. First Aid Measures

See also section 8 and 16

Inhalation: If inhaled, move to fresh air. If breathing becomes difficult, call a physician.
Eye contact: Use eye wash for 15 minutes, if necessary consult a physician afterwards.
Skin contact: In case of contact, immediately wash skin well with soap and water.
Ingestion: If swallowed, wash out mouth with water, provided person is conscious. Induce no vomiting. Call a physician.
Note to physician: Not available.

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5. Fire Fighting Measures

Toxic fumes may occur. Use respiratory protective equipment.

Extinguishing media: water, foam, sand, powder or CO_2 as appropriate for surrounding materials

6. Accidental release measures

PERSONAL PRECAUTION PROCEDURES TO BE FOLLOWED IN CASE OF LEAK OR SPILL
Avoid contact with eyes or skin.

ENVIRONMENT PRECAUTION
If leakage occurs, prevent spill from spreading.
Prevent surface and groundwater infiltration, as well as ground penetration.

METHODS FOR CLEANING UP
Absorb with sand or vermiculite and place in closed containers for disposal.
Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Handling:
Follow directions for Safe Handling and the relevant national regulations.
Do not breathe vapour. Avoid contact with eyes, skin and clothing.

Storage:
Protect against heat and direct sunlight. Keep the product dry.
Shelf life: 2 years under normal conditions

8. Exposure Controls / Personal Protection

Before use it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

8.1. Occupational exposure limit values and/or biological limit values
Keep exposure of the following components under surveillance
(Observe also the regional official regulations)

	Name	CAS Nr.	Specification	Concentration limits (daily average value)	Short term value	remarks
1	Ammonia aqueous	7664-41-7	TRGS900	14 mg/m^3 (20ppm)	2 (I)	
2	Butylglycolacetate	112-07-2	TRGS900	130 mg/m^3 (20ppm)	4 (II)	
3	Naphtha (petroleum), hydrodesulfurized heavy	64742-81-1	TRGS900	300 mg/m^3 (70ppm)	2 (II)	

8.2. Exposure controls
8.2.1. Occupational exposure controls
The common precautions for the handling of chemicals should be considered.
8.2.1.1. Respiratory protection: not relevant

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8.2.1.2. Hand protection: wear protective gloves
8.2.1.3. Eye protection: wear protective goggles or face shield
8.2.1.4. Body protection: protective clothing

9. Physical and Chemical Properties

9.1	Physical state:	viscose fluid
9.2	Colour:	white / light grey
9.3	Odor:	ammonia
9.4	Solubility in water:	mixable
9.5	ph-value:	11,0
9.6	BP/ BP Range (°C):	100 (water) 180-220 (paraffin)
9.7	Flash point (°C):	177 (DIN 51755)
9.8	Viskosity:	4000 ± 1000 mPas (25°C), 3100 mPas (40°C)
9.9	Density (g/cm^3):	1.28

10. Stability and Reactivity

Stability
Stable when used under normal conditions.

Reactivity
10.1 Conditions to avoid:
Higher temperatures above room temperature.

10.2 Materials to avoid:
Strong oxidizing agents.

10.3 Hazardous decomposition products:
Carbon monoxide, Carbon dioxide.

11. Toxicological Information

Acute Toxicity
Ammonia LD50 (oral, rat) 350 mg/kg
Distillates (petroleum) LD50 (oral, rat) > 2.000 mg/kg, LD50 (dermal, rat) > 2.000 mg/kg
Isotridecanol ethoxylate LD50 (oral, rat) > 10.000 mg/kg

Chronic effect	
Sensitizing effect	N/A
Carcinogenic effect	N/A
Hereditary changing effect	N/A
Reproductive endangering effect	N/A
Narcotising effect	N/A

EXPOSITION
Skin contact: May produce skin irritation.
Eye contact: Can irritate the eyes.
Inhale: May be harmful by inhalation.
The product can irritate the mucous membranes and the upper respiratory tract.
See also section 8.

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12. Ecological Information

12.1	Ecotoxicity:	no effects known
12.2	Mobility:	no potentials known
12.3	Persistence and degradability:	no biodegradable potentials known
12.4	Bioaccumulative potential:	no potentials known
12.5	Water hazard class (Germany):	2

Prevent surface and groundwater infiltration.

13. Disposal Considerations

13.1. Product
Follow national and regional regulations.

X	Due to the ingredients and properties disposal as non hazardous waste (2000/532/EC) is possible if no hazardous materials are added to the cleaning emulsion. (EWC – Nr. 120121),
O	Due to the ingredients and properties disposal as hazardous waste (2000/532/EC) (EWC – Nr. 120120)

13.2. Packing
Follow national and regional regulations.

14. Transport Information

Not a hazardous material with respect to transportation regulations (ADR/RID, IMDG, ICAO/IATA).

15. Regulatory Information

No specific labelling requirements under respective EC directives.

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16. Other Information

RISK PHRASES

R20/21:	Harmful by inhalation and in contact with skin
R22:	Harmful if swallowed
R34:	Causes burns
R41:	Risk of serious damage to eyes
R50:	Very toxic to aquatic organisms
R65:	Harmful: may cause lung damage if swallowed
R66:	Repeated exposure may cause skin dryness or cracking

WARRANTY

The above information is believed to be correct but does not claim to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. Saint-Gobain Abrasives shall not be held liable for any damage resulting from handling or from contact with the above product. The data refers to the product as delivered and is not a guarantee of the product properties.

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