

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

CORATEX HT

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant uses

Cleaning emulsion for plastics processing machinery

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company

SAINT-GOBAIN Abrasives GmbH
Birkenstr. 45-49
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E-mail sga-de-di@saint-gobain.com

Address enquiries to

Technical information

sga-de-di@saint-gobain.com

Safety Data Sheet

sdb@chemiebuero.de (No dispatch of safety data sheets)

Safety data sheets are available from the supplier.

1.4 Emergency telephone number

Advisory body

+49 (0) 551-19240 (24h, available English / German) (Göttingen/Germany)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (GB) CLP]

No classification.

2.2 Label elements

The product is required to be labelled in accordance with regulation CLP.

Hazard pictograms

none

Signal word

none

Hazard statements

none

Precautionary statements

none

Special labelling

EUH210 Safety data sheet available on request.

Contains: 1,2-benzisothiazol-3(2H)-one. EUH208 May produce an allergic reaction.

Cleaner, 648/2004/CE, contains:

< 5% non-ionic surfactants
preservatives BENZISOTHIAZOLINONE
preservatives SODIUM PYRITHIONE
preservatives METHYLCHLOROISOTHIAZOLINONE/METHYLISOTHIAZOLINONE (3:1)
preservatives METHYLISOTHIAZOLINONE
preservatives 2-BROMO-2-NITROPROPANE-1,3-DIOL
perfumes LIMONENE

2.3 Other hazards

Human health dangers

Frequent and permanent skin contact can cause skin reaction (sensitization).
If swallowed or in the event of vomiting, risk of product entering the lungs.

Environmental hazards

Does not contain any PBT or vPvB substances.

Other hazards

Contains no ingredients with endocrine-disrupting properties.
Further hazards were not determined with the current level of knowledge.

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SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

Range [%]	Substance
0.1 - <1	Orange sweetly, Extract CAS: 8028-48-6, EINECS/ELINCS: 232-433-8, Reg-No.: 01-2119493353-35-XXXX GHS/CLP: Flam. Liq. 3: H226 - Skin Irrit. 2: H315 - Skin Sens. 1: H317 - Asp. Tox. 1: H304 - Aquatic Chronic 2: H411
<0.1	Pyridine-2-thiol 1-oxide, sodium salt CAS: 3811-73-2, EINECS/ELINCS: 223-296-5, EU-INDEX: 613-344-00-7 GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 4: H332 - Eye Dam. 1: H318 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M-Factor (acute): 100
0.005 - <0.05	1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6, Reg-No.: 01-2120761540-60-XXXX GHS/CLP: Acute Tox. 4: H302 - Acute Tox. 2: H330 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411 SCL [%]: 0.05: Skin Sens. 1: H317

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Take off contaminated clothing and wash before reuse.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

In case of contact with skin wash off immediately with soap and water.
If skin irritation or rash occurs: Get medical advice/attention.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

Ingestion

Seek medical advice immediately.
Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Allergic reactions
Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in the event of vomiting, risk of product entering the lungs.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Foam.
Water spray jet.
Carbon dioxide.
Dry powder.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.

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5.3 Advice for firefighters

Use self-contained breathing apparatus.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

High risk of slipping due to leakage/spillage of product.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth).
Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Wash hands before breaks and after work.
Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with oxidizing agents.
Do not store together with food and animal food/diet.
Keep container tightly closed.
Keep container in a well-ventilated place.
Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB)

Substance
Glycerol
CAS: 56-81-5, EINECS/ELINCS: 200-289-5
Long-term exposure: 10 mg/m ³

DNEL

Substance
Orange sweetly, Extract, CAS: 8028-48-6
Industrial, inhalative, Long-term - systemic effects, 31.1 mg/m ³
Industrial, dermal, Acute - local effects, 0.1858 mg/cm ²
Industrial, dermal, Long-term - systemic effects, 8.89 mg/kg bw/d
general population, dermal, Acute - local effects, 0.0929 mg/cm ²
general population, inhalative, Long-term - systemic effects, 7.78 mg/m ³
general population, dermal, Long-term - systemic effects, 4.44 mg/kg bw/d
general population, oral, Long-term - systemic effects, 4.44 mg/kg bw/d
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Industrial, dermal, Long-term - systemic effects, 0.966 mg/kg bw/day
Industrial, inhalative, Long-term - systemic effects, 6.81 mg/m ³
general population, dermal, Long-term - systemic effects, 0.345 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 1.2 mg/m ³

PNEC

Substance
Orange sweetly, Extract, CAS: 8028-48-6
sewage treatment plants (STP), 2.1 mg/l
soil, 0.261 mg/kg dwt.
sediment (seawater), 0.13 mg/kg dwt.
sediment (freshwater), 1.3 mg/kg dwt.
seawater, 0.54 µg/L
freshwater, 5.4 µg/L
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
soil, 3 mg/kg soil dw
sediment (seawater), 4.99 µg/kg sediment dw
sediment (freshwater), 49.9 µg/kg sediment dw
sewage treatment plants (STP), 1.03 mg/L
seawater, 0.403 µg/L
freshwater, 4.03 µg/L

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8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	0.4mm Butyl rubber, >120 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information.
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter P2. (DIN EN 143)
Thermal hazards	none
Delimitation and monitoring of the environmental exposition	Comply with applicable environmental regulations limiting discharge to air, water and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Color	grey
Odor	fruity
Odour threshold	not determined
pH-value	6 - 8
pH-value [1%]	not determined
Boiling point [°C]	100°C
Flash point [°C]	not applicable
Flammability (solid, gas) [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	not determined
Density [g/cm³]	1.38 g/ml
Relative density	not determined
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Solubility other solvents	No information available.
Partition coefficient [n-octanol/water]	not determined
Kinematic viscosity	3098 mm ² /sec. (40°C)
Relative vapour density	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Auto-ignition temperature	not determined
Decomposition temperature [°C]	not determined
Particle characteristics	not applicable

9.2 Other information

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SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

10.2 Chemical stability

The product is stable under standard conditions.

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

Strong oxidizing agent.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Product
ATE-mix, oral, >2000 mg/kg
Substance
Orange sweetly, Extract, CAS: 8028-48-6
LD50, oral, Rat, > 5000 mg/kg
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LD50, oral, Rat, 1208 mg/kg bw
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE, oral, 500 mg/kg

Acute dermal toxicity

Product
ATE-mix, dermal, >2000 mg/kg
Substance
Orange sweetly, Extract, CAS: 8028-48-6
LD50, dermal, Rabbit, > 5000 mg/kg
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LC50, dermal, Rabbit, 1800 - 1900 mg/kg bw
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat, > 2000 mg/kg

Acute inhalational toxicity

Product
ATE-mix, inhalative, >20 mg/l
Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE-mix, inhalative, 0.5 mg/l 4h

Serious eye damage/irritation

Toxicological data of complete product are not available.
Based on available data, the classification criteria are not met.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
Eye, Causes serious eye damage.

Skin corrosion/irritation

Toxicological data of complete product are not available.
Based on available data, the classification criteria are not met.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, irritant

Respiratory or skin sensitisation

Toxicological data of complete product are not available.
Based on the available information, the classification criteria are not fulfilled.
May produce an allergic reaction.

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Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
dermal, sensitising

Specific target organ toxicity — single exposure — Toxicological data of complete product are not available.
Does not contain a relevant substance that meets the classification criteria.

Specific target organ toxicity — repeated exposure — Toxicological data of complete product are not available.
Does not contain a relevant substance that meets the classification criteria.

Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
NOAEL, oral, Rat, 0.5 mg/kg bw/day
NOAEL, dermal, mouse, 5 - 15 mg/kg bw/day
NOAEL, inhalative, Rat, 460 µg/m³ air
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
NOAEL, oral, Rat, 69 mg/kg bw/day (subchronic), The effects observed are not sufficient for classification.

Mutagenicity — Toxicological data of complete product are not available.
Does not contain a relevant substance that meets the classification criteria.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
in vivo, negativ
in vitro, negativ

Reproduction toxicity — Toxicological data of complete product are not available.
Based on available data, the classification criteria are not met.

Substance
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
NOAEL, oral, Rat, 112 mg/kg bw/day (subchronic), adverse effect observed, Effect on fertility,

Carcinogenicity — Toxicological data of complete product are not available.
Does not contain a relevant substance that meets the classification criteria.

Aspiration hazard — Toxicological data of complete product are not available.
Based on available data, the classification criteria are not met.

General remarks

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

11.2 Information on other hazards

Endocrine disrupting properties — Does not contain a relevant substance that meets the classification criteria.

Other information

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SECTION 12: Ecological information

12.1 Toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
Orange sweetly, Extract, CAS: 8028-48-6
LC50, (96h), Pimephales promelas, 0.7 mg/l (OECD 203)
EC50, (48h), Daphnia magna, 0.67 mg/l (OECD 202)
ErC50, (72h), Desmodemus subspicatus, 150 mg/l (OECD 201)
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LC50, (96h), Oncorhynchus mykiss, 57.1 mg/l
EC50, (48h), Daphnia magna, 0.15 mg/l
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Oncorhynchus mykiss, 2.2 mg/L
EC50, (72h), Selenastrum capricornutum, 0.11 mg/L
EC50, (48h), Daphnia magna, 0.643 mg/L
NOEC, (28d), Oncorhynchus mykiss, 0.21 mg/L

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	The surfactants contained in this preparation 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.

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Does not contain a relevant substance that meets the classification criteria.

12.7 Other adverse effects

None known.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended) 120109*

Contaminated packaging

Packaging that cannot be cleaned should be disposed of as for product.
Untamminated packaging may be taken for recycling.

Waste no. (recommended) 150102

SECTION 14: Transport information

14.1 UN number or ID number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

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14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EEC-REGULATIONS 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2022)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011); UK REACH; GB CLP.

- **Observe employment restrictions for people** Observe employment restrictions for young people.
Observe employment restrictions for mothers-to-be and nursing mothers.

- **VOC (2010/75/CE)** 0%

15.2 Chemical safety assessment

not applicable

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SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H330 Fatal if inhaled.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

H332 Harmful if inhaled.

H302 Harmful if swallowed.

H411 Toxic to aquatic life with long lasting effects.

H304 May be fatal if swallowed and enters airways.

H317 May cause an allergic skin reaction.

H315 Causes skin irritation.

H226 Flammable liquid and vapour.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

ATE = acute toxicity estimate

CAS = Chemical Abstracts Service

CLP = Classification, Labelling and Packaging

DMEL = Derived Minimum Effect Level

DNEL = Derived No Effect Level

EC50 = Median effective concentration

ECB = European Chemicals Bureau

EEC = European Economic Community

EINECS = European Inventory of Existing Commercial Chemical Substances

EL50 = Median effective loading

ELINCS = European List of Notified Chemical Substances

EmS = Emergency Schedules

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IC50 = Inhibition concentration, 50%

IMDG = International Maritime Code for Dangerous Goods

IUCLID = International Uniform Chemical Information Database

IVIS = In vitro irritation score

LC50 = Lethal concentration, 50%

LD50 = Median lethal dose

LC0 = lethal concentration, 0%

LOAEL = lowest-observed-adverse-effect level

LL50 = Median lethal loading

LQ = Limited Quantities

MARPOL = International Convention for the Prevention of Marine Pollution from Ships

NOAEL = No Observed Adverse Effect Level

NOEC = No Observed Effect Concentration

PBT = Persistent, Bioaccumulative and Toxic substance

PNEC = Predicted No-Effect Concentration

REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals

STP = Sewage Treatment Plant

TLV@TWA = Threshold limit value – time-weighted average

TLV@STEL = Threshold limit value – short-time exposure limit

VOC = Volatile Organic Compounds

vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

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Modified position

SECTION 3 been added: 1,2-benzisothiazol-3(2H)-one

SECTION 3 deleted: 1,2-benzisothiazol-3(2H)-one

SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.

SECTION 9 been added: not applicable

SECTION 11 been added: Does not contain a relevant substance that meets the classification criteria.

SECTION 12 been added: Does not contain a relevant substance that meets the classification criteria.

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