

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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Technical information Verkauf@saint-gobain.com

Safety Data Sheet peter.friehl@saint-gobain.com

1.4 Emergency telephone number

Advisory body +49 (0) 551-19240 (24h, available English / German)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

No classification.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (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, Orange sweetly, Extract. EUH208 May produce an allergic reaction.

Cleaner, 648/2004/CE, contains: < 5% non-ionic surfactants
preservatives SODIUM PYRITHIONE
preservatives BENZISOTHIAZOLINONE
fragrances 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 Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

3.1 Substances

The product is a mixture.

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3.2 Mixtures

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 GHS/CLP: Eye Dam. 1: H318 - Acute Tox. 4: H302 - Acute Tox. 4: H332 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M_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. 2: H330 - Acute Tox. 4: H302 - Eye Dam. 1: H318 - Skin Irrit. 2: H315 - Skin Sens. 1: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411, M_acute = 1

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.

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

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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 within 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)

not applicable

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/d (AF=100).
Industrial, inhalative, Long-term - systemic effects: 6.81 mg/m ³ (AF=25).
general population, inhalative, Long-term - systemic effects: 1.2 mg/m ³ (AF=50).
general population, dermal, Long-term - systemic effects: 0.345 mg/kg bw/d (AF=200).

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 dw (AF= 10).
sediment (seawater), 4.99 µg/kg dw.
sediment (freshwater), 49.9 µg/kg dw.
sewage treatment plants (STP), 1.03 mg/L (AF= 10).
seawater, 0.403 µg/L (AF= 100).
freshwater, 4.03 µg/L (AF= 10).

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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

Form	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/ml]	1,38 g/ml
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	3098 mm²/sec. (40°C)
Relative vapour density determined in air	not determined
Evaporation speed	not determined
Melting point [°C]	not determined
Autoignition temperature [°C]	not determined
Decomposition temperature [°C]	not determined

9.2 Other information

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

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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 toxicological effects

Acute toxicity

Product
ATE-mix, inhalative, >20 mg/l.
ATE-mix, dermal, >2000 mg/kg.
ATE-mix, oral, >2000 mg/kg.
Substance
Orange sweetly, Extract, CAS: 8028-48-6
LD50, oral, Rat: > 5000 mg/kg.
LD50, dermal, Rabbit: > 5000 mg/kg.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, dermal, Rat: > 2000 mg/kg.
LD50, oral, Rat: 454 mg/kg.
LC50, inhalativ (mist), Rat: 0,5 mg/l (4h) (US-EPA OPPTS 870.1300).
LC50, inhalativ (mist), 0,4 mg/l (4h) (OECD 403).

Serious eye damage/irritation	Toxicological data of complete product are not available. Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Toxicological data of complete product are not available. Based on available data, the classification criteria are not met.
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.
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.
Mutagenicity	Toxicological data of complete product are not available. Does not contain a relevant substance that meets the classification criteria.
Reproduction toxicity	Toxicological data of complete product are not available. Based on available data, the classification criteria are not met.
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.

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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), Desmodesmus subspicatus: 150 mg/l (OECD 201).
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LC50, (96h), Rainbow trout: 1.6 mg/L (OECD 203).
EC50, (48h), Daphnia magna: 3.27 mg/L (OECD 202).
EC50, (72h), Selenastrum capricornutum: 0.11 mg/L (OECD 201).
NOEC, (72h), Selenastrum capricornutum: 0,04 mg/L (OECD 201).
NOEC, (21d), Daphnia magna: 1.2 mg/L (OECD 211).
NOEC, (28d), Rainbow trout: 0.21 mg/L (OECD 215).
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
LC50, (96h), Brachidanio rerio: 0.00767 mg/L (OECD 203).
EC50, (48h), Daphnia magna: 0.022 mg/L (OECD 202).
EC50, (72h), Selenastrum capricornutum: 0.46 mg/L (OECD 201).
NOEC, (72h), Selenastrum capricornutum: 0,08 mg/L (OECD 201).

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 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.
Uncontaminated packaging may be taken for recycling.

Waste no. (recommended) 150102

SECTION 14: Transport information

14.1 UN 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 Transport in bulk according to Annex II of MARPOL and the IBC Code

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) 2015/830; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2020)

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

- 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

SECTION 16: Other information

16.1 Hazard statements (SECTION 03)

H332 Harmful if inhaled.
H400 Very toxic to aquatic life.
H318 Causes serious eye damage.
H302 Harmful if swallowed.
H330 Fatal if inhaled.
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.

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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
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: Pyridine-2-thiol 1-oxide, sodium salt
SECTION 2 deleted: 1,2-benzisothiazol-3(2H)-one
SECTION 2 deleted: Orange sweetly, Extract
SECTION 2 deleted: 2-Methyl-2H-isothiazolin-3-one
SECTION 3 deleted: 2-Methyl-2H-isothiazolin-3-one
SECTION 2 been added: none
SECTION 2 deleted: exclamation mark
SECTION 2 deleted: WARNING
SECTION 2 deleted: H317 May cause an allergic skin reaction.
SECTION 2 deleted: Skin Sens. 1
SECTION 2 been added: No classification.
SECTION 2 been added: none
SECTION 2 been added: none
SECTION 2 deleted: P261 Avoid breathing vapours / spray.
SECTION 2 deleted: P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
SECTION 2 deleted: P362+P364 Take off contaminated clothing and wash it before reuse.
SECTION 2 been added: EUH210 Safety data sheet available on request.
SECTION 2 been added: none
SECTION 3 deleted: No hazardous components to be mentioned.
SECTION 11 deleted: Based on the available information, the classification criteria are fulfilled.
SECTION 11 been added: Based on the available information, the classification criteria are not fulfilled.
SECTION 11 deleted: May cause an allergic skin reaction.
SECTION 11 been added: May produce an allergic reaction.
SECTION 16 deleted: Calculation method

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