

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 1 / 13

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

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

Cleaner, 648/2004/CE, contains:

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

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 2 / 13

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. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Environmental hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
Other hazards	Further hazards were not determined with the current level of knowledge.

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. 3: H311 - Acute Tox. 3: H331 - Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Irrit. 2: H319 - Skin Sens. 1: H317 - STOT RE 1: H372 - Aquatic Acute 1: H400 - Aquatic Chronic 2: H411 - EUH070, M-Factor (acute): 100
0,0036 - <0,036	1,2-benzisothiazol-3(2H)-one CAS: 2634-33-5, EINECS/ELINCS: 220-120-9, EU-INDEX: 613-088-00-6 GHS/CLP: Acute Tox. 2: H330 - Acute Tox. 4: H302 - Skin Irrit. 2: H315 - Eye Dam. 1: H318 - Skin Sens. 1A: H317 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M-Factor (acute): 1, M-Factor (chronic): 1 SCL [%]: ≥ 0,036: Skin Sens. 1A: H317

Comment on component parts 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

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 3 / 13

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, dry powder, water spray jet, carbon dioxide
Fire extinguishing method of surrounding areas must be considered.

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 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.
Take off contaminated clothing and wash before reuse.

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

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 4 / 13

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (UK)

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

Ingredients with occupational exposure limits to be monitored EU (2004/37/EG)

not relevant

DNEL

Substance
Orange sweetly, Extract, CAS: 8028-48-6
Industrial, dermal, Long-term - systemic effects, 8,89 mg/kg bw/d
Industrial, dermal, Acute - local effects, 0,1858 mg/cm ²
Industrial, inhalative, Long-term - systemic effects, 31,1 mg/m ³
general population, oral, Long-term - systemic effects, 4,44 mg/kg bw/d
general population, dermal, Long-term - systemic effects, 4,44 mg/kg bw/d
general population, inhalative, Long-term - systemic effects, 7,78 mg/m ³
general population, dermal, Acute - local effects, 0,0929 mg/cm ²

PNEC

Substance
Orange sweetly, Extract, CAS: 8028-48-6
freshwater, 5,4 µg/L
seawater, 0,54 µg/L
sediment (freshwater), 1,3 mg/kg dwt.
sediment (seawater), 0,13 mg/kg dwt.
soil, 0,261 mg/kg dwt.
sewage treatment plants (STP), 2,1 mg/l

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.

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 5 / 13

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	liquid
Form	liquid
Color	grey
Odor	fruity
Odour threshold	No information available.
pH-value	6 - 8
pH-value [1%]	No information available.
Boiling point or initial boiling point and boiling range [°C]	100°C
Flash point [°C]	not applicable
Flammability	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/cm ³]	1,38 g/ml
Relative density	No information available.
Bulk density [kg/m ³]	not applicable
Solubility in water	miscible
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	not applicable
Kinematic viscosity	3098 mm ² /sec. (40°C)
Relative vapour density	No information available.
Melting point [°C]	No information available.
Auto-ignition temperature [°C]	not applicable
Decomposition temperature [°C]	not applicable
Particle characteristics	not applicable

9.2 Other information

none

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 decomposition if used and stored according to specifications.

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 7 / 13

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
ATE, oral, 500 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD50, oral, Rat, 490 - 670 mg/kg bw
NOAEL, oral, Rat, 69 - 150 mg/kg bw/day
ATE, oral, 450 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
ATE, dermal, 790 mg/kg
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
LD10, dermal, Rat, 2000 mg/kg bw

Acute inhalational toxicity

Product
ATE-mix, inhalative, >20 mg/l
Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
ATE, inhalativ (mist), 0,5 mg/L
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
ATE, inhalativ (mist), 0,21 mg/L

Serious eye damage/irritation

Based on the available information, the classification criteria are not fulfilled.

Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
Eye, irritant

Skin corrosion/irritation

Based on the available information, the classification criteria are not fulfilled.

Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
dermal, irritant

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 8 / 13

Respiratory or skin sensitisation Based on the available information, the classification criteria are not fulfilled.
EUH208: May produce an allergic reaction.

Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
dermal, sensitising

Specific target organ toxicity — single exposure Based on the available information, the classification criteria are not fulfilled.

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are not fulfilled.

Substance
Pyridine-2-thiol 1-oxide, sodium salt, CAS: 3811-73-2
Harmonised classification, adverse effect observed

Mutagenicity Based on the available information, the classification criteria are not fulfilled.

Reproduction toxicity Based on the available information, the classification criteria are not fulfilled.

Carcinogenicity Based on the available information, the classification criteria are not fulfilled.

Aspiration hazard Based on the available information, the classification criteria are not fulfilled.

General remarks

Toxicological data of complete product are not available.
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

11.2.1 Endocrine disrupting properties The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

11.2.2 Other information none

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), Fish, 2.15 - 22 mg/L
EC50, (48h), Invertebrates, 2.9 - 2.94 mg/L
EC50, (72h), Algae, 70 - 150 µg/L

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 9 / 13

12.2 Persistence and degradability

Behaviour in environment compartments

No information available.

Behaviour in sewage plant

No information available.

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.

Substance
Orange sweetly, Extract, CAS: 8028-48-6
(28d), 72 - 83%, OECD 301 B, The product is readily biodegradable.
1,2-benzisothiazol-3(2H)-one, CAS: 2634-33-5
63% (4d), OECD 301 C
85% (63d), OECD 301 C

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

Substance
Orange sweetly, Extract, CAS: 8028-48-6
BCF, 1,502 - 2,597

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

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

None known.

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 10 / 13

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.
Untaminated 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

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 11 / 13

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/EG (2000/532/EC); 2010/75/EU; 2004/42/EG; (EG) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EWG ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014; (EU) 2019/1148; (EU) 2019/1021, (EU) 2023/707
- Comment on component parts	Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
- Annex XIV (REACH)	According to Annex XIV of Regulation (EC) 1907/2006 (REACH) the product does not contain any substances \geq 0.1% that are subject to authorisation.
- Annex XVII (REACH)	According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product contains \geq 0.1% of substances with the following restrictions. 40, 75 According to Annex XVII of Regulation (EC) 1907/2006 (REACH) the product is not subject to any restrictions.
TRANSPORT-REGULATIONS	ADR (2023); IMDG-Code (2023, 41. Amdt.); IATA-DGR (2024)
NATIONAL REGULATIONS (UK):	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.
- VOC (2010/75/CE)	0%

15.2 Chemical safety assessment

not applicable

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 6.0. Supersedes version: 5.0

Page 12 / 13

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H410 Very toxic to aquatic life with long lasting effects.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
EUH070 Toxic by eye contact.
H400 Very toxic to aquatic life.
H372 Causes damage to organs through prolonged or repeated exposure.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H311 Toxic in contact with skin.
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

Modified position 2.3, 3.2, 11.2, 12.6

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