

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 06.11.2024, Revision 06.11.2024

Version 2.0. Supersedes version: 1.0

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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
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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

No classification.

2.2 Label elements

The product does not require to be labelled in accordance with Model Work Health and Safety Regulations (WHS - GHS 7) Australia.

Hazard pictograms

none

Signal word

none

Hazard statements

none

Precautionary statements

none

2.3 Other hazards

Human health dangers

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

Frequent and permanent skin contact can cause skin reaction (sensitization).

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

Contains no ingredients with endocrine-disrupting properties ($\geq 0,1\%$).

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.

Contains no ingredients with endocrine-disrupting properties ($\geq 0,1\%$).

Other hazards

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 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 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 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 none

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, 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.

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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.

Hazchem Code

not applicable

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

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (AU)

Substance
Glycerol
CAS: 56-81-5
Time Weighted Average (TWA): 10 mg/m ³ , Glycerin mist (a)

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 (seaater), 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.

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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.

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

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

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

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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

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

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

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

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

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.

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

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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

Contains no ingredients with endocrine-disrupting properties ($\geq 0,1\%$).

12.7 Other adverse effects

None known.

SECTION 13: Disposal considerations

Restrictions	There are no product-specific restrictions. However, state and local disposal regulations may apply.
Disposal method	Disposal of this product must comply with the requirements of state and local disposal regulations.
Contaminated packaging	Rinse containers with water before disposal. Preferably re-cycle container, otherwise send to landfill or similar.

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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

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) 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"

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) 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

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) 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

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) 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

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG) 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

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) not applicable

Applicable prohibitions and notifications/licensing requirements not applicable

Agricultural and Veterinary Chemicals Act not applicable

Listing in the Australian Inventory of Chemical Substances (AICS) All chemical substances in this product are included on Australian Inventory of Industrial Chemicals (Inventory).

Additional information not applicable

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SECTION 16: Other information

16.1 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

16.2 Other information

Classification procedure

Modified position

2.3, 3.2, 11.2, 12.6

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