

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 08.11.2024, Revision 08.11.2024

Version 3.0. Supersedes version: 2.1

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

1.1 Product identifier

CORATEX

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
50389 Wesseling / GERMANY
Phone +49 (0)2236-7 03-1
Fax +49 (0)2236-7 03-367
Homepage www.saint-gobain.de
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

Company

+49 (0) 173 8662732 (24h) or +49 (0) 2236 703 670 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

No classification.

2.2 Label elements

The product is required 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

Special labelling

AUH066 Repeated exposure may cause skin dryness or cracking.

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.
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.

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

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3.2 Mixtures

The product is a mixture.

Range [%]	Substance
10 - 30	Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9 GHS/CLP: Asp. Tox. 1: H304 - EUH066
0,1 - <2,5	Ammonia 25% CAS: 1336-21-6 GHS/CLP: Skin Corr. 1B: H314 - Aquatic Chronic 2: H411 - Aquatic Acute 1: H400 - STOT SE 3: H335 - Eye Dam. 1: H318, M-Factor (acute): 1

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	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
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

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.

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.

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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.
Keep away from open flames, hot surfaces and sources of ignition.
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
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9
Time Weighted Average (TWA): 184 ppm, 1200 mg/m ³ , (Manufacturer information)
Ammonia 25%
CAS: 1336-21-6
Time Weighted Average (TWA): 25 ppm, 17 mg/m ³
Short Term Exposure Limits (STEL): 35 ppm, 24 mg/m ³

DNEL

Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
There are no DNEL values established for the substance.
Ammonia 25%, CAS: 1336-21-6
Industrial, inhalative, Long-term - systemic effects, 47.6 mg/m ³
Industrial, inhalative, Acute - systemic effects, 47.6 mg/m ³
Industrial, inhalative, Long-term - local effects, 14 mg/m ³
Industrial, inhalative, Acute - local effects, 36 mg/m ³
Industrial, dermal, Long-term - systemic effects, 6.8 mg/kg bw/day
Industrial, dermal, Acute - systemic effects, 6.8 mg/kg bw/day
general population, inhalative, Long-term - systemic effects, 23.8 mg/m ³
general population, inhalative, Acute - systemic effects, 23.8 mg/m ³
general population, inhalative, Long-term - local effects, 2.8 mg/m ³
general population, inhalative, Acute - local effects, 7.2 mg/m ³
general population, dermal, Long-term - systemic effects, 68 mg/kg bw/day
general population, dermal, Acute - systemic effects, 68 mg/kg bw/day
general population, oral, Long-term - systemic effects, 6.8 mg/kg bw/day
general population, oral, Acute - systemic effects, 6.8 mg/kg bw/day

PNEC

Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
There are no PNEC values established for the substance.
Ammonia 25%, CAS: 1336-21-6
freshwater, 0.001 mg/L
seawater, 0.001 mg/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	0,4 mm 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, combination filter A-P2. (DIN EN 14387)
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
Form	liquid
Color	white / grey
Odor	ammoniac-like
Odour threshold	No information available.
pH-value	10,7
pH-value [1%]	No information available.
Boiling point or initial boiling point and boiling range [°C]	No information available.
Flash point [°C]	>61°C
Flammability	Not highly flammable.
Lower explosion limit	No information available.
Upper explosion limit	No information available.
Oxidising properties	none
Vapour pressure/gas pressure [kPa]	No information available.
Density [g/cm³]	1,27 g/ml
Relative density	No information available.
Bulk density [kg/m³]	not applicable
Solubility in water	partially miscible
Solubility other solvents	No information available.
Partition coefficient n-octanol/water (log value)	not applicable
Kinematic viscosity	2440 mm²/sec. (40°C)
Relative vapour density	No information available.
Melting point [°C]	No information available.
Auto-ignition temperature [°C]	No information available.
Decomposition temperature [°C]	No information available.
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

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

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
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
LD50, oral, Rat, 5000 - 15000 mg/kg bw
Ammonia 25%, CAS: 1336-21-6
LD50, oral, Rat, 350 mg/kg bw (OECD 401)

Acute dermal toxicity

Product
ATE-mix, dermal, >2000 mg/kg
Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
LD50, dermal, Rat, >2000 mg/kg bw
LD50, dermal, Rabbit, 3160 - 5000 mg/kg bw

Acute inhalational toxicity

Product
ATE-mix, inhalative, >20 mg/l
Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
LC50, inhalative, Rat, 5 mg/L air, 8h
LC50, inhalative, Rat, 41 - 4467 ppm, 8h
LC50, inhalative, Rat, 4,951 - 9,3 mg/L air, 4h
Ammonia 25%, CAS: 1336-21-6
LC50, inhalative, Rat, 28130 mg/m ³ air

Skin corrosion/irritation

Based on available data, the classification criteria are not met.

Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
dermal, no adverse effect observed

Serious eye damage/irritation

Based on available data, the classification criteria are not met.

Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
Eye, no adverse effect observed

Respiratory or skin sensitisation

Based on the available information, the classification criteria are fulfilled.

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Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
dermal, non-sensitizing

Mutagenicity Based on the available information, the classification criteria are fulfilled.

Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
in vitro, negativ
in vivo, negativ

Carcinogenicity Based on the available information, the classification criteria are fulfilled.

Reproduction toxicity Based on the available information, the classification criteria are fulfilled.

- Fertility No information available.

- Development

Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
NOAEC, inhalative, Rat, 5220 mg/m ³

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

Specific target organ toxicity — repeated exposure Based on the available information, the classification criteria are fulfilled.

Substance
Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9
NOAEL, oral, Rat, 500 mg/kg bw/day
NOAEL, dermal, Rabbit, 2000 mg/kg bw/day
NOAEC, inhalative, mouse, 11600 mg/m ³
NOAEC, inhalative, Rat, 6000 mg/m ³

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.

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SECTION 12: Ecological information

12.1 Toxicity

Product

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

Substance

Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9

EL50, (72h), Algae, 1 g/L

NOELR, (72h), Algae, 1 g/L

NOELR, (28d), Fish, 101 µg/L

LL50, (24h), Invertebrates, 1 g/L

LL50, (48h), Invertebrates, 1 g/L

LL50, (72h), Invertebrates, 1 g/L

LL50, (96h), Invertebrates, 1 g/L

LL50, (96h), Fish, 1 g/L

LL50, (72h), Fish, 1 g/L

LL50, (48h), Fish, 1 g/L

LL50, (24h), Fish, 1 g/L

LL0, (96h), Fish, 1 g/L

LL0, (24h), Invertebrates, 1 g/L

Ammonia 25%, CAS: 1336-21-6

LC50, (96h), Daphnia magna, 4.07 mg/l (EPA OPPTS 850.1300)

LC50, (96h), Oncorhynchus mykiss, 11 - 48 mg/l

LC50, (48h), Daphnia magna, 101 mg/l (ASTM E729-80)

EC50, (14d), Chlorella vulgaris, 2700 mg/l

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

Naphtha (petroleum), hydrotreated heavy, CAS 64742-48-9 / Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, EC / List no.: 918-481-9, CAS: 64742-48-9

(28d), >= 60 %, OECD 301 F

12.3 Bioaccumulative potential

Accumulation in organisms is not expected.

12.4 Mobility in soil

Spillages may penetrate the soil causing ground water contamination.

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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.

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"

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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

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

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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	No information available.

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, 11.2, 12.6, 15.1

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