

SAINT-GOBAIN Abrasives GmbH
50389 Wesseling

Date printed 08.11.2024, Revision 08.11.2024

Version 6.0. Supersedes version: 5.0

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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
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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

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

EUH066 Repeated exposure may cause skin dryness or cracking.
EUH210 Safety data sheet available on request.

Cleaner, 648/2004/CE, contains:

15 - <30% aliphatic hydrocarbons
< 5% non-ionic surfactants

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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
10 - 30	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX GHS/CLP: Asp. Tox. 1: H304 - EUH066
0,1 - <2,5	Ammonia 25% CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX 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 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	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.

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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.

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 (UK)

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
EINECS/ELINCS: 918-481-9, Reg-No.: 01-2119457273-39-XXXX
Long-term exposure: 184 ppm, 1200 mg/m ³ , ExxonMobil
Ammonia 25%
CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX
Long-term exposure: 25 ppm, 18 mg/m ³ , IOELV, CD156
Short-term exposure (15-minute): 35 ppm, 25 mg/m ³

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

Substance / EC LIMIT VALUES
Ammonia 25%
CAS: 1336-21-6, EINECS/ELINCS: 215-647-6, EU-INDEX: 007-001-01-2, Reg-No.: 01-2119488876-14-XXXX
Eight hours: 20 ppm, 14 mg/m ³
Short-term (15-minute): 50 ppm, 36 mg/m ³

DNEL

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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	like ammoniac
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

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

Acute oral toxicity

Product
ATE-mix, oral, >2000 mg/kg
Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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

Serious eye damage/irritation

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

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
Eye, no adverse effect observed

Skin corrosion/irritation

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

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
dermal, no adverse effect observed

Respiratory or skin sensitisation

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

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
dermal, non-sensitizing

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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
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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

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

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
in vitro, negativ
in vivo, negativ

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

- Fertility — No information available.

- Development

Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, CAS: 64742-48-9
NOAEC, inhalative, Rat, 5220 mg/m ³

Carcinogenicity — Based on the available information, the classification criteria are 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

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SECTION 12: Ecological information

12.1 Toxicity

Product
Based on the available information, the classification criteria are not fulfilled.
Substance
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics, 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.

12.5 Results of PBT and vPvB assessment

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

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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.

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)

200129*
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 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"

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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

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

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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. 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)	30 %

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.
H335 May cause respiratory irritation.
H400 Very toxic to aquatic life.
H314 Causes severe skin burns and eye damage.
EUH066 Repeated exposure may cause skin dryness or cracking.
H304 May be fatal if swallowed and enters airways.

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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
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, 11.2, 12.6, 15.1

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