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

1.1. product identifiers

Trade name/designation AKZENT NC Fill

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses:

paint and/or paint related material
Reserved for industrial and professional use.

Uses advised against:

Do not use for sputtering or spraying.

1.3. Details of the supplier of the safety data sheet

supplier (manufacturer/importer/downstream user/distributor)

STAUF Klebstoffwerk GmbH
Oberhausener Strasse 1
57324 Wilnsdorf
Germany

Telephone: +49-2739-301-0
Telefax: +49-2739-301-200

Dept. responsible for information:

Qualitätssicherung
E-mail

QS@stauf.de

1.4. Emergency telephone number

Emergency telephone number

CARECHEM24- EU: +441235239670
Deutschland: +496922225285

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

Flam. Liq. 2 / H225
Eye Dam. 1 / H318
STOT SE 3 / H336

Flammable liquids
Serious eye damage/eye irritation
Specific target organ toxicity (single exposure)

Highly flammable liquid and vapour.
Causes serious eye damage.
May cause drowsiness or dizziness.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Danger

Hazard statements

H225 Highly flammable liquid and vapour.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves and eye/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/ physician.
P370 + P378 In case of fire: Use extinguishing powder or sand to extinguish.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 Store in a well-ventilated place. Keep cool.

Hazard components for labelling

2-methylpropan-1-ol
Acetone

Supplemental Hazard information (EU)

EUH066 Repeated exposure may cause skin dryness or cracking.

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2.3. Other hazards

Other information

Read label before use. If medical advice is needed, have product container or label at hand. Keep out of reach of children.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Description Base sealants and plastic woods, high in solvents, containing low-boiling compounds

Classification according to Regulation (EC) No 1272/2008 [CLP]

EC No. CAS No. INDEX No.	REACH No. Designation classification // Remark	Wt %
200-662-2 67-64-1 606-001-00-8	01-2119471330-49-XXXX Acetone Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	50 - 100
201-148-0 78-83-1 603-108-00-1	01-2119484609-23-XXXX 2-methylpropan-1-ol Flam. Liq. 3 H226 / STOT SE 3 H335 / Skin Irrit. 2 H315 / Eye Dam. 1 H318 / STOT SE 3 H336	5 - 10
200-661-7 67-63-0 603-117-00-0	01-2119457558-25-XXXX propan-2-ol Flam. Liq. 2 H225 / Eye Irrit. 2 H319 / STOT SE 3 H336	5 - 10
203-539-1 107-98-2 603-064-00-3	01-2119457435-35-XXXX 1-methoxy-2-propanol Flam. Liq. 3 H226 / STOT SE 3 H336	5 - 10

Additional information

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

In all cases of doubt, or when symptoms persist, seek medical advice.

4.3. Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Unsuitable extinguishing media

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strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see section 13). Clean using cleansing agents. Do not use solvents.

6.4. Reference to other sections

Observe protective provisions (see section 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to section 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Further information

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (TRBS 2153)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 15 °C and 25 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

Acetone

INDEX No. 606-001-00-8 / EC No. 200-662-2 / CAS No. 67-64-1

TWA: 1810 mg/m³; 750 ppm

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STEL: 3620 mg/m³; 1500 ppm

2-methylpropan-1-ol

INDEX No. 603-108-00-1 / EC No. 201-148-0 / CAS No. 78-83-1

TWA: 154 mg/m³; 50 ppm

STEL: 231 mg/m³; 75 ppm

propan-2-ol

INDEX No. 603-117-00-0 / EC No. 200-661-7 / CAS No. 67-63-0

TWA: 999 mg/m³; 400 ppm

STEL: 1250 mg/m³; 500 ppm

1-methoxy-2-propanol

INDEX No. 603-064-00-3 / EC No. 203-539-1 / CAS No. 107-98-2

TWA: 375 mg/m³; 100 ppm

STEL: 1120 mg/m³; 300 ppm

Additional information

TWA : long-term occupational exposure limit value

STEL : short-term occupational exposure limit value

Ceiling : peak limitation

DNEL:

1-methoxy-2-propanol

INDEX No. 603-064-00-3 / EC No. 203-539-1 / CAS No. 107-98-2

DNEL long-term dermal (systemic), Workers: 50,6 mg/kg

DNEL acute inhalative (local), Workers: 553,5 mg/m³

DNEL long-term inhalative (systemic), Workers: 369 mg/m³

DNEL long-term dermal (systemic), Consumer: 18,1 mg/kg

DNEL long-term inhalative (systemic), Consumer: 43,9 mg/m³

DNEL long-term exposure oral (systemic effects), Consumer: 3,3 mg/kg

Acetone

INDEX No. 606-001-00-8 / EC No. 200-662-2 / CAS No. 67-64-1

DNEL long-term dermal (systemic), Workers: 186 mg/kg

DNEL acute inhalative (systemic), Workers: 1210 mg/m³

DNEL long-term inhalative (local), Workers: 2420 mg/m³

DNEL long-term inhalative (systemic), Workers: 1210 mg/m³

DNEL long-term dermal (systemic), Consumer: 62 mg/kg

DNEL long-term inhalative (systemic), Consumer: 200 mg/m³

DNEL long-term exposure oral (systemic effects), Consumer: 62 mg/kg

2-methylpropan-1-ol

INDEX No. 603-108-00-1 / EC No. 201-148-0 / CAS No. 78-83-1

DNEL short-term oral (acute), Workers:

DNEL long-term oral (repeated), Workers:

DNEL long-term inhalative (local), Workers: 310 mg/m³

DNEL long-term inhalative (local), Consumer: 55 mg/m³

DNEL long-term exposure oral (systemic effects), Consumer: 25 mg/kg

propan-2-ol

INDEX No. 603-117-00-0 / EC No. 200-661-7 / CAS No. 67-63-0

DNEL long-term dermal (systemic), Workers: 888 mg/kg bw/day

DNEL long-term inhalative (systemic), Workers: 500 mg/m³

DNEL long-term dermal (systemic), Consumer: 319 mg/kg bw/day

DNEL long-term inhalative (systemic), Consumer: 89 mg/m³

DNEL long-term exposure oral (systemic effects), Consumer: 26 mg/kg bw/day

PNEC:

1-methoxy-2-propanol

INDEX No. 603-064-00-3 / EC No. 203-539-1 / CAS No. 107-98-2

PNEC aquatic, freshwater: 10 mg/l

PNEC aquatic, marine water: 1 mg/l

PNEC aquatic, intermittent release: 100 mg/l

PNEC sediment, freshwater: 41,6 mg/kg

PNEC sediment, marine water: 4,17 mg/kg

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PNEC, soil: 2,47 mg/kg
PNEC sewage treatment plant (STP): 100 mg/l

Acetone

INDEX No. 606-001-00-8 / EC No. 200-662-2 / CAS No. 67-64-1
PNEC aquatic, freshwater: 10,6 mg/l
PNEC aquatic, marine water: 1,06 mg/l
PNEC aquatic, intermittent release: 21 mg/l
PNEC sediment, freshwater: 30,4 mg/kg
PNEC sediment, marine water: 3,04 mg/kg
PNEC sewage treatment plant (STP): 100 mg/l
PNEC soil: 29,5 mg/kg

2-methylpropan-1-ol

INDEX No. 603-108-00-1 / EC No. 201-148-0 / CAS No. 78-83-1
PNEC aquatic, freshwater: 0,4 mg/l
PNEC aquatic, marine water: 0,04 mg/l
PNEC aquatic, intermittent release: 11 mg/l
PNEC sediment, freshwater: 1,52 mg/kg
PNEC sediment, marine water: 0,152 mg/kg
PNEC, soil: 0,0699 mg/kg
PNEC sewage treatment plant (STP): 10 mg/l

propan-2-ol

INDEX No. 603-117-00-0 / EC No. 200-661-7 / CAS No. 67-63-0
PNEC aquatic, freshwater: 140,9 mg/l
PNEC aquatic, marine water: 140,9 mg/l
PNEC sediment, freshwater: 552 mg/kg
PNEC sediment, marine water: 552 mg/kg
PNEC, soil: 28 mg/kg
PNEC sewage treatment plant (STP): 2251 mg/l
PNEC water, intermittent release: 140,9 mg/l

8.2. Exposure controls

Provide good ventilation. This can be achieved with local or room suction. If this should not be sufficient to keep aerosol and solvent vapour concentration below the exposure limit values, a suitable respiratory protection must be used.

Personal protection equipment

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.

Hand protection

For prolonged or repeated handling the following glove material must be used: Butyl caoutchouc (butyl rubber)
Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles EN ISO 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye/face protection

Wear closely fitting protective glasses in case of splashes.

Body protection

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical state: Liquid

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Colour:	colourless
Odour:	characteristic
Odour threshold:	not applicable
pH at 20 °C:	not applicable
Melting point/freezing point:	< -90 °C Source: 2-methylpropan-1-ol
Initial boiling point and boiling range:	56 °C Source: Acetone
Flash point:	4 °C
Evaporation rate:	not applicable
flammability	
Burning time (s):	not applicable
Upper/lower flammability or explosive limits:	
Lower explosion limit:	1,95 Vol-%
Upper explosion limit:	14,3 Vol-% Source: Acetone
Vapour pressure at 20 °C:	240 mbar Method: calculated. Source: Acetone
Vapour density:	not applicable
Relative density:	
Density at 20 °C:	0,84 g/cm³
Solubility(ies):	
Water solubility (g/L) at 20 °C:	partially soluble
Partition coefficient: n-octanol/water:	see section 12
Auto-ignition temperature:	> 180 °C Source: Cellulose nitrate
Decomposition temperature:	not applicable
Viscosity at 20 °C:	55 s 6 mm Method: DIN 53211
Explosive properties:	not applicable
Oxidising properties:	not applicable
9.2. Other information	
Solid content (%):	10,65 Wt %
solvent content:	
Organic solvents:	89 Wt %
Water:	0 Wt %
Solvent separation test (%):	< 3 Wt % (ADR/RID)

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

not applicable

10.6. Hazardous decomposition products

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Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides.

SECTION 11: Toxicological information

Classification according to Regulation (EC) No 1272/2008 [CLP]
No data on preparation itself available.

11.1. Information on toxicological effects

Acute toxicity

Acetone

oral, LD50, Rat: 5800 mg/kg

Method: OECD 401

dermal, LD50, Rat: > 15800 mg/kg

inhalative (vapours), LC50, Rat: 76 mg/l (4 h)

2-methylpropan-1-ol

oral, LD50, Rat: 2460 mg/kg

dermal, LD50, Rabbit: 4200 mg/kg

inhalative (Gases), LC50, Rat: 6,5 ppmV (4 h)

propan-2-ol

oral, LD50, Rat: 4570 mg/kg

dermal, LD50, Rabbit: 13400 mg/kg

inhalative (vapours), LC50, Rat: 30 mg/l (4 h)

Skin corrosion/irritation; Serious eye damage/eye irritation

Causes serious eye damage.

Acetone

eyes

Skin

2-methylpropan-1-ol

Skin (4 h)

Irritating to skin and mucosa

eyes: evaluation strong caustic effect involving danger of serious eye damages

propan-2-ol

eyes: evaluation Irritation

Skin

Respiratory or skin sensitisation

Acetone

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

propan-2-ol

Germ cell mutagenicity; evaluation Non-mutagenic

STOT-single exposure; STOT-repeated exposure

May cause drowsiness or dizziness.

1-methoxy-2-propanol

Specific target organ toxicity (single exposure), drowsiness

2-methylpropan-1-ol

Specific target organ toxicity (single exposure), Irritation

Specific target organ toxicity (single exposure), drowsiness

Aspiration hazard

propan-2-ol

Aspiration hazard; evaluation While swallowing or vomiting, pulmonary aspiration may cause chemical pneumonitis, leading to death

Practical experience/human evidence

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of

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natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

SECTION 12: Ecological information

Classification according to Regulation (EC) No 1272/2008 [CLP]

There is no information available on the preparation itself .

Do not allow to enter into surface water or drains.

12.1. Toxicity

Acetone

Fish toxicity, LC50: 5540 mg/l (96 h)

Algae toxicity, ErC50: 430 mg/l (96 h)

Daphnia toxicity, Daphnia pulex (water flea): 8800 mg/l (96 h)

2-methylpropan-1-ol

Fish toxicity, LC50, Leuciscus idus (golden orfe): 1520 mg/l (96 h)

Daphnia toxicity, EC50, Daphnia magna (Big water flea): 1250 mg/l (48 h)

Bacteria toxicity, EC50, Pseudomonas putida: 280 mg/l

propan-2-ol

Algae toxicity, EC50, Scenedesmus subspicatus: > 1000 mg/l (72 h)

Algae toxicity, EC50: > 100 mg/l

Fish toxicity, EC50: > 100 mg/l

Daphnia toxicity, EC50: > 100 mg/l

Long-term Ecotoxicity

propan-2-ol

Fish toxicity, LC50, Pimephales promelas: 9640 mg/l (96 h)

Daphnia toxicity, EC50, Daphnia magna (Big water flea): 13299 mg/l (48 h)

Algae toxicity, EC50, Desmodesmus subspicatus: > 1000 mg/l (96 h)

Fish toxicity, LC50, Pimephales promelas: 11130 mg/l (96 h)

12.2. Persistence and degradability

Acetone

: > 70 % ; evaluation Readily biodegradable (according to OECD criteria).

propan-2-ol

, BOD (% of COD): 62 % ; evaluation Biodegradable.

: 2,32 g oxygen/kg

12.3. Bioaccumulative potential

Acetone

Partition coefficient: n-octanol/water: -0,24

propan-2-ol

Partition coefficient: n-octanol/water: -0,16

12.4. Mobility in soil

Toxicological data are not available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Appropriate disposal / Product Recommendation

Do not allow to enter into surface water or drains. This material and its container must be disposed of in a safe way. Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste.

List of proposed waste codes/waste designations in accordance with EWC

080111*

Waste paint and varnish containing organic solvents or other dangerous substances

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*Hazardous waste according to Directive 2008/98/EC (waste framework directive).

Appropriate disposal / Package Recommendation

Non-contaminated packages may be recycled. Vessels not properly emptied are special waste.

SECTION 14: Transport information

- 14.1. **UN number**
UN 1263
- 14.2. **UN proper shipping name**
Land transport (ADR/RID): Paint
Sea transport (IMDG): PAINT
Air transport (ICAO-TI / IATA-DGR): Paint
- 14.3. **Transport hazard class(es)**
3
- 14.4. **Packing group**
Land transport (ADR/RID):
for packages > 450 litres: III
II
Sea transport (IMDG):
for packages > 30 litres: III
II
Air transport (ICAO-TI / IATA-DGR):
for packages > 30 litres: III
II
- 14.5. **Environmental hazards**
Land transport (ADR/RID) not applicable
Marine pollutant not applicable
- 14.6. **Special precautions for user**
Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.
Advices on safe handling: see parts 6 - 8
- Further information**
- Land transport (ADR/RID)**
tunnel restriction code E
for packages > 450 litres: D/E
- Sea transport (IMDG)**
EmS-No. F-E, S-E
- 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**
- EU legislation**
- Directive 2010/75/EU on industrial emissions**
VOC-value (in g/L) ISO 11890-2: 747
VOC-value (in g/L) ASTM D 2369: 747
- National regulations**
- Restrictions of occupation**
Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.
Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
MAL-Kode (MAL Kode ready-to-use): 4-1
PR-No.:
- 15.2. **Chemical Safety Assessment**
For the following substances of this mixture a chemical safety assessment has been carried out:

EC No.	Designation	REACH No.
CAS No.		

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



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201-148-0 78-83-1	2-methylpropan-1-ol	01-2119484609-23-XXXX
203-539-1 107-98-2	1-methoxy-2-propanol	01-2119457435-35-XXXX

SECTION 16: Other information

Full text of classification in section 3

Flam. Liq. 2 / H225	Flammable liquids	Highly flammable liquid and vapour.
Eye Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
STOT SE 3 / H336	Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.
Flam. Liq. 3 / H226	Flammable liquids	Flammable liquid and vapour.
STOT SE 3 / H335	Specific target organ toxicity (single exposure)	May cause respiratory irritation.
Skin Irrit. 2 / H315	skin corrosion/irritation	Causes skin irritation.
Eye Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.

Classification procedure

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Flam. Liq. 2	Flammable liquids	On basis of test data.
Eye Dam. 1	Serious eye damage/eye irritation	Calculation method.
STOT SE 3	Specific target organ toxicity (single exposure)	Calculation method.

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL	Occupational Exposure Limit Value
BLV	Biological Limit Value
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	Carcinogenic, Mutagenic and Reprotoxic
DIN	German Institute for Standardization / German industrial standard
DNEL	Derived No-Effect Level
EAKV	European Waste Catalogue Directive
EC	Effective Concentration
EC	European Community
EN	European Standard
IATA-DGR	International Air Transport Association – Dangerous Goods Regulations
IBC Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI	International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code	International Maritime Code for Dangerous Goods
ISO	International Organization for Standardization
LC	Lethal Concentration
LD	Lethal Dose
MARPOL	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD	Organisation for Economic Cooperation and Development
PBT	persistent, bioaccumulative, toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
UN	United Nations
VOC	Volatile Organic Compounds
vPvB	very persistent and very bioaccumulative

Further information

Classification according to Regulation (EC) No 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2015/830



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and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.

Annex

At present, data / information on exposure scenarios are not available, so that an evaluation of the preparation cannot yet be made.