

SAFETY DATA SHEET

Metalrens flydende

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

1.1. Product identifier

Trade name

Metalrens flydende

Product no.

213

Unique formula identifier (UFI)

ATYV-M1R4-S005-6PF1

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

Relevant identified uses of the substance or mixture

Alkaline cleaner.

Restricted to professional users.

Use descriptors (UK REACH)

| Sectors of use | Description |
|--------------------------------|--|
| LCS "IS" | Industrial uses: Uses of substances as such or in preparations at industrial sites |
| Product category | Description |
| PC 35 | Washing and Cleaning Products (including solvent based products) |
| Process category | Description |
| PROC 1 | Use in closed PROC ess, no likelihood of exposure |
| PROC 2 | Use in closed, continuous PROC ess with occasional controlled exposure |
| PROC 19 | Hand-mixing with intimate contact and only PPE available |
| Environmental release category | Description |
| ERC 4 | Industrial use of processing aids in processes and products, not becoming part of articles |

EuPCS

PC / Chemical products (excludes biocidal products)

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Jysk Kemi Service A/S

Gl. Struervej 50

7500 Holstebro

Denmark

+45 9740 3133

+45 9740 4846

www.jyskkemi.dk

Contact person

Rikke Hunsbjerg

E-mail

rikke@jyskkemi.dk

Revision

06/11/2023

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Skin Corr. 1A; H314, Causes severe skin burns and eye damage.

Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s)

General

-

Prevention

Do not breathe vapour/mist. (P260)

Wear face protection/protective gloves. (P280)

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. (P303+P361+P353)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage

-

Disposal

Dispose of contents/container in accordance with local regulation (P501)

Hazardous substances

disodium metasilicate

sodium hydroxide

Additional labelling

UFI: ATYV-M1R4-S005-6PF1

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|-----------------------|---|--------|---|------|
| disodium metasilicate | CAS No.: 10213-79-3 EC No.: 600-279-4 UK-REACH: Index No.: | 10-15% | Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 | |
| sodium hydroxide | CAS No.: 1310-73-2 EC No.: 215-185-5 UK-REACH: Index No.: 011-002-00-6 | 5-10% | Skin Corr. 1A, H314 Skin Corr. 1B, H314 (SCL: 2.00 %) Skin Irrit. 2, H315 (SCL: 0.50 %) Eye Irrit. 2, H319 (SCL: 0.50 %) | |

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Not applicable.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Nitrogen oxides (NO_x)

Carbon oxides (CO / CO₂)

Some metal oxides

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Hazchem Code: 2X

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid direct contact with the product.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Keep only in original packaging.

Storage temperature

> 0°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

sodium hydroxide
Short term exposure limit (15 minutes) (mg/m³): 2

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

disodium metasilicate

| Duration: | Route of exposure: | DNEL: |
|-----------|--------------------|------------------------|
| Long term | Dermal | 1,49 mg/kg uge/dag |
| Long term | Inhalation | 6,22 mg/m ³ |

sodium hydroxide

| Duration: | Route of exposure: | DNEL: |
|--|--------------------|---------------------|
| Long term – Local effects - General population | Inhalation | 1 mg/m ³ |
| Long term – Local effects - Workers | Inhalation | 1 mg/m ³ |
| Short term – Local effects - Workers | Inhalation | 1 mg/m ³ |

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

PNEC

No data available.

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

No specific requirements

Skin protection

| Recommended | Type/Category | Standards |
|-----------------------------------|---------------|-----------|
| No special when used as intended. | - | - |

Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|---|----------------------|--------------------------|-------------------------|
| Nitrile - Discard immediately after use | 0.2 | > 240 | EN374-2, EN374-3, EN388 |



Eye protection

| Type | Standards |
|--|-----------|
| In the likelihood of direct or incidental exposure, use face protection. | EN166 |



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Clear

Odour / Odour threshold

Faint

pH

13,1

Density (g/cm³)

1.14

Kinematic viscosity

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

No data available

Particle characteristics

Not applicable - product is a liquid

Phase changes

Melting point/Freezing point (°C)

Not applicable - product is a liquid

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

100

Vapour pressure

No data available

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Not applicable

Data on fire and explosion hazards

Flash point (°C)

Not applicable - flash point > 200°C

Flammability (°C)

The material is not combustible.

Auto-ignition temperature (°C)

Not applicable

Lower and upper explosion limit (% v/v)

Not applicable

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

Evaporation rate (n-butylacetate = 100)

No data available

Oxidizing properties

Not applicable

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

| | |
|--------------------|-----------------------|
| Product/substance | disodium metasilicate |
| Species: | Rat |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | >5000 mg/kg |

| | |
|--------------------|-----------------------|
| Product/substance | disodium metasilicate |
| Species: | Rat |
| Route of exposure: | Dermal |
| Test: | LD50 |
| Result: | > 5000 mg/kg · |

| | |
|--------------------|------------------|
| Product/substance | sodium hydroxide |
| Species: | Rat |
| Route of exposure: | Oral |
| Test: | LD50 |
| Result: | 325 mg/kg · |

Skin corrosion/irritation

| | |
|-------------------|-------------------------------------|
| Product/substance | disodium metasilicate |
| Test method: | OECD 404 |
| Species: | Rabbit |
| Result: | Adverse effect observed (Corrosive) |

Causes severe skin burns and eye damage.

Serious eye damage/irritation

| | |
|-------------------|-------------------------------------|
| Product/substance | disodium metasilicate |
| Species: | Rabbit |
| Result: | Adverse effect observed (Corrosive) |

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

| | |
|-------------------|--|
| Product/substance | disodium metasilicate |
| Test method: | OECD 429 |
| Species: | Mouse |
| Result: | No adverse effect observed (not sensitising) |

| | |
|-------------------|---------------------------------------|
| Product/substance | sodium hydroxide |
| Species: | Rabbit |
| Result: | Adverse effect observed (sensitising) |

Germ cell mutagenicity

| | |
|-------------------|----------------------------|
| Product/substance | disodium metasilicate |
| Conclusion: | No adverse effect observed |

Carcinogenicity

| | |
|-------------------|----------------------------|
| Product/substance | disodium metasilicate |
| Conclusion: | No adverse effect observed |

Reproductive toxicity

| | |
|-------------------|-----------------------------|
| Product/substance | disodium metasilicate |
| Species: | Rat, Sprague-Dawley, female |
| Result: | >159 mg/kg bw/day |
| Conclusion: | No adverse effect observed |

STOT-single exposure

| | |
|--------------------|-------------------------|
| Product/substance | disodium metasilicate |
| Route of exposure: | Inhalation |
| Conclusion: | Adverse effect observed |

STOT-repeated exposure

| | |
|-------------------|----------------------------|
| Product/substance | disodium metasilicate |
| Conclusion: | No adverse effect observed |

Aspiration hazard

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

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

11.2. Information on other hazards

Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Endocrine disrupting properties

This mixture/product does not contain any substances considered to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

| | |
|-------------------|-----------------------|
| Product/substance | disodium metasilicate |
| Species: | Fish, Danio rerio |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 210 mg/L |

| | |
|-------------------|------------------------|
| Product/substance | disodium metasilicate |
| Test method: | OECD 202 |
| Species: | Daphnia, Daphnia magna |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 1700 mg/L |

| | |
|-------------------|--------------------------------|
| Product/substance | disodium metasilicate |
| Test method: | DIN 38412 |
| Species: | Algae, Scenedesmus subspicatus |
| Duration: | 72 hours |
| Test: | EC50 |
| Result: | > 345,4 mg/L |

| | |
|-------------------|------------------|
| Product/substance | sodium hydroxide |
| Species: | Fish |
| Duration: | 7 days |
| Test: | LC50 |
| Result: | 125 mg/l · |

| | |
|-------------------|------------------|
| Product/substance | sodium hydroxide |
| Species: | Daphnia |
| Duration: | 24 hours |
| Test: | EC50 |
| Result: | 145 mg/l · |

| | |
|-------------------|------------------|
| Product/substance | sodium hydroxide |
| Species: | Crustacean |
| Duration: | 15 min |
| Test: | EC50 |
| Result: | 22 mg/l · |

| | |
|-------------------|-----------------------------|
| Product/substance | sodium hydroxide |
| Species: | Daphnia, Ceriodaphnia dubia |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 40,4 mg/L |

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(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.

12.3. Bioaccumulative potential

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Product/substance disodium metasilicate
 Potential bioaccumulation: No
 LogPow: No data available.
 BCF: No data available.

Product/substance sodium hydroxide
 Potential bioaccumulation: No
 LogPow: No data available.
 BCF: No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 8 – Corrosive

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code




20 01 15* Alkalines

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

| | 14.1 UN / ID | 14.2 UN proper shipping name | 14.3 Hazard class(es) | 14.4 PG* | 14.5 Env** | Other information: |
|------|-------------------------|--|---|---------------------|-----------------------|--|
| ADR | UN1760 | CORROSIVE LIQUID, N.O.S. (disodium metasilicate) | Transport hazard class: 8 Label: 8 Classification code: C9  | I | No | Limited quantities: 0 Tunnel restriction code: (E) See below for additional information. |
| IMDG | UN1760 | CORROSIVE LIQUID, N.O.S. (disodium metasilicate) | Transport hazard class: 8 Label: 8 Classification code: C9  | I | No | Limited quantities: 0 EmS: F-A S-B See below for additional information. |
| IATA | UN1760 | CORROSIVE LIQUID, N.O.S. (disodium metasilicate) | Transport hazard class: 8 Label: 8 Classification code: C9  | I | No | See below for additional information. |

* Packing group

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

** Environmental hazards

Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: 2X

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

5% - 15%

· Amphoteric surfactants

Additional information

Not applicable.

Sources

The Management of Health and Safety at Work Regulations 1999.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

The full text of identified uses as mentioned in section 1

LCS "IS" = Industrial uses: Uses of substances as such or in preparations at industrial sites

PROC 1 = Use in closed PROC ess, no likelihood of exposure

PROC 2 = Use in closed, continuous PROC ess with occasional controlled exposure

PROC 19 = Hand-mixing with intimate contact and only PPE available

PC 35 = Washing and Cleaning Products (including solvent based products)

ERC 4 = Industrial use of processing aids in processes and products, not becoming part of articles

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

RH

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en