

SAFETY DATA SHEET

Beanmachines Espresso Machine Cleaner

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

1.1. Product identifier

Trade name

Coffee clean liquid V

Product no.

23006

Unique formula identifier (UFI)

C9U0-10YJ-100T-87R7

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

Relevant identified uses of the substance or mixture

Cleaning product

Restricted to professional users.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

lujoCLEAN - cleaning products for coffee machines

Weidenstraße 13

82386 Huglfing

Germany

Tel: +49 (0) 88 02 913 747 -0

Fax: +49 (0) 88 02 913 747 -1

www.lujoclean.com

E-mail

info@lujoclean.com

Revision

03/02/2025

SDS Version

1.0

1.4. Emergency telephone number

Tel. +49 89 96290-441

1.3.1 Details of the of Supplier the safety data sheet Company and address

Beanmachines

Sterling House

5 - 7 Turves Road, Cheadle Court

Turves Road

SK4 3RH

United Kingdom

www.beanmachines.co.uk

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

Met. Corr. 1; H290, May be corrosive to metals.

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

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

May be corrosive to metals. (H290)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Causes severe skin burns and eye damage. (H314)

Precautionary statement(s)

General

-

Prevention

Keep only in original packaging. (P234)

Wash hands and exposed skin thoroughly after handling. (P264)

Wear eye protection/protective gloves/protective clothing/face protection. (P280)

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+P330+P331)

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (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)

Absorb spillage to prevent material damage. (P390)

Storage

Store locked up. (P405)

Disposal

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

Hazardous substances

potassium hydroxide;caustic potash

Additional labelling

UFI: C9U0-10YJ-100T-87R7

Labelling of contents according to Detergents Regulation (EC) No 648/2004

< 5%

- Amphoteric surfactants
- Non-ionic surfactants
- Phosphonates

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

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) 2023/707.

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
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	CAS No.: 51981-21-6 EC No.: 257-573-7 UK-REACH: Index No.:	5-15%	Met. Corr. 1, H290	
potassium hydroxide;caustic potash	CAS No.: 1310-58-3 EC No.: 215-181-3 UK-REACH: Index No.: 019-002-00-8	5-15%	Met. Corr. 1, H290 Acute Tox. 4, H302 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 %)	
[[[phosphonomethyl]imino]bis[(ethylenitrilo)bis(methylen	CAS No.: 22042-96-2 EC No.: 244-751-4	1-5%	Met. Corr. 1, H290	

e)]tetrakisphosphonic acid, UK-REACH:
sodium salt Index No.:

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

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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.

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

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.
 Store in a container with a resistant inner liner.

Recommended storage material

Keep only in original packaging.

Storage conditions

1 - 35°C

Incompatible materials

No specific requirements

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

potassium hydroxide;caustic potash
 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

potassium hydroxide;caustic potash

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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Long term – Local effects - Workers	Inhalation	1 mg/m ³
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate		
Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	7500 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	15000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.8 mg/m ³
Long term – Systemic effects - Workers	Inhalation	7.3 mg/m ³
Long term – Systemic effects - General population	Oral	1.5 mg/kg bw/day

PNEC

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate		
Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		9.45 mg/L
Intermittent release (freshwater)		953 µg/L
Intermittent release (marine water)		95.3 µg/L
Marine water		945 µg/L
Predators		67 mg/kg
Sewage treatment plant		41.2 mg/L
Soil		500 µg/kg

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. Pay special attention to 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



Type	Class	Colour	Standards
Respiratory protection is not needed in the event of adequate ventilation.			

Skin protection


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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	1,5	> 480	EN374-2, EN374-3, EN388	
Butyl	0,7	> 480	EN374-2, EN374-3, EN388, EN421	

Eye protection

Type	Standards	
Safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Brown, Clear

Odour / Odour threshold

Faint

pH

14

Density (g/cm³)

1.2

Kinematic viscosity

<10 mm²/s

Particle characteristics

Not applicable - product is a liquid

Phase changes

Melting point/Freezing point (°C)

0

Softening point/range (°C)

Does not apply to liquids.

Boiling point (°C)

>100

Vapour pressure

48 hPa

Relative vapour density

No relevant or available data due to the nature of the product.

Decomposition temperature (°C)

No relevant or available data due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

>100

Flammability (°C)

Not applicable

Auto-ignition temperature (°C)

No relevant or available data due to the nature of the product.

Lower and upper explosion limit (% v/v)

No relevant or available data due to the nature of the product.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Solubility

Solubility in water

Soluble

n-octanol/water coefficient (LogKow)

No relevant or available data due to the nature of the product.

Solubility in fat (g/L)

No relevant or available data due to the nature of the product.

9.2. Other information

VOC (g/L)

0

Other physical and chemical parameters

No data available.

Oxidizing properties

No relevant or available data due to the nature of the product.

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

No specific requirements

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

Acute toxicity

Product/substance	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Route of exposure:	Inhalation
Test:	LC50 (dust)
Result:	4,2 mg/L

Product/substance	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Route of exposure:	Dermal
Result:	2000 mg/kg

Product/substance	potassium hydroxide;caustic potash
Route of exposure:	Oral
Test:	LD50
Result:	333 mg/kg

Product/substance	[[[phosphonomethyl]imino]bis[(ethylenitrilo)bis(methylene)]]tetrakisphosphonic acid, sodium salt
Route of exposure:	Oral
Test:	LD50
Result:	5838 mg/kg

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	[[[(phosphonomethyl)imino]bis[(ethylenenitrilo)bis(methylene)]]tetrakisphosphonic acid, sodium salt
Route of exposure:	Dermal
Result:	5838 mg/kg

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

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 known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Species:	Fish, <i>Oncorhynchus mykiss</i>
Duration:	96 hours
Test:	LC50
Result:	>95,26 mg/L

Product/substance	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Species:	Crustacean, <i>Daphnia magna</i>
Duration:	48 hours
Test:	EC50
Result:	>95,26 mg/L

Product/substance	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Species:	Bacteria, <i>Desmodesmus subspicatus</i>
Duration:	72 hours
Test:	NOEC
Result:	>94,95 mg/L

Product/substance	potassium hydroxide;caustic potash
Species:	Fish, <i>Gambusia affinis</i>
Duration:	96 hours

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Test:	LC50
Result:	80 mg/L
Product/substance	potassium hydroxide;caustic potash
Species:	Crustacean
Test:	LC50
Result:	10 mg/L
Product/substance	potassium hydroxide;caustic potash
Species:	Bacteria, Photobacterium phosphoreum
Result:	22 mg/L
Product/substance	[[[(phosphonomethyl)imino]bis[(ethylenitrilo)bis(methylene)]]tetrakisphosphonic acid, sodium salt
Species:	Fish, Salmo gairdneri
Duration:	96 hours
Test:	LC50
Result:	180 mg/L
Product/substance	[[[(phosphonomethyl)imino]bis[(ethylenitrilo)bis(methylene)]]tetrakisphosphonic acid, sodium salt
Species:	Crustacean, Daphnia magna
Duration:	96 hours
Test:	LC50
Result:	>252 mg/L
Product/substance	[[[(phosphonomethyl)imino]bis[(ethylenitrilo)bis(methylene)]]tetrakisphosphonic acid, sodium salt
Species:	Bacteria, Photobacterium phosphoreum
Test:	EC10
Result:	200 mg/L

12.2. Persistence and degradability

Product/substance	Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
Conclusion:	Readily biodegradable

Product/substance	potassium hydroxide;caustic potash
Conclusion:	Readily biodegradable

Product/substance	[[[(phosphonomethyl)imino]bis[(ethylenitrilo)bis(methylene)]]tetrakisphosphonic acid, sodium salt
Conclusion:	Readily biodegradable

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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

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

12.4. Mobility in soil

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate
 LogKoc = 32, Low mobility potential.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

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

13.1. Waste treatment methods

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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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

07 06 01*

Aqueous washing liquids and mother liquors

20 01 29*

Detergents containing dangerous substances

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 informatio n:
ADR	UN1814	POTASSIUM HYDROXIDE SOLUTION	Transport hazard class: 8 Label: 8 Classification code: C5 	II	No	Limited quantities: 1 L Tunnel restriction code: (E) See below for additional information .
IMDG	UN1814	POTASSIUM HYDROXIDE SOLUTION	Transport hazard class: 8 Label: 8 Classification code: C5 	II	No	Limited quantities: 1 L EmS: F-A S-B See below for additional information .
IATA	UN1814	POTASSIUM HYDROXIDE SOLUTION	Transport hazard class: 8 Label: 8 Classification code: C5 	II	No	See below for additional information .

* Packing group

** Environmental hazards

Additional information

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

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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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.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

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

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

< 5%

· Amphoteric surfactants

· Non-ionic surfactants

· Phosphonates

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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.

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

H290, May be corrosive to metals.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H319, Causes serious eye irritation.

Abbreviations and acronyms

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

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
GWP = Global warming potential
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

QM IujoCLEAN

Other

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