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

SAFETY DATA SHEET

Crew Coffee Machine Cleaning Tabs

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

1.1. Product identifier

Trade name

Cleaning tablet for coffee equipment

Product no.

23002

Unique formula identifier (UFI)

T7HW-0TUE-J003-EMQG

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

Relevant identified uses of the substance or mixture

Cleaning product

Uses advised against

None known.

1.3. Details of the of Manufacturer 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

03/02/2023

SDS Version

1.0

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

Crew Machines
Sterling House
5 - 7 Turves Road, Cheadle Court
Turves Road
SK4 3RH
United Kingdom
www.crewmachines.com/

1.4. Emergency telephone number

Tel. +49 89 96290-441

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

Causes serious eye damage. (H318)

Safety statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)
Keep out of reach of children. (P102)

Prevention
Wear eye protection/protective clothing. (P280)

Response
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
-

Hazardous substances
Disodium carbonate, compound with hydrogen peroxide (2:3)

Additional labelling
UFI: T7HW-0TUE-J003-EMQG

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 carbonate, compound with hydrogen peroxide (2:3)	CAS No.: 15630-89-4 EC No.: 239-707-6 REACH: 01-2119457268-30-XXXX Index No.:	25-50%	Ox. Sol. 2, H272 Acute Tox. 4, H302 Eye Dam. 1, H318 (SCL: 25.00 %) Eye Irrit. 2, H319 (SCL: 7.50 %)	
sodium carbonate	CAS No.: 497-19-8 EC No.: 207-838-8 REACH: 01-2119485498-19-XXXX Index No.: 011-005-00-2	10-30%	Eye Irrit. 2, H319	
Citric acid	CAS No.: 77-92-9 EC No.: 201-069-1 REACH: 01-2119457026-42-XXXX Index No.:	1-20%	Eye Irrit. 2, H319 STOT SE 3, H335	
Silicic acid, sodium salt	CAS No.: 1344-09-8 EC No.: 215-687-4 REACH: 01-2119448725-31-XXXX Index No.:	1-5%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
Alkoholalkoxylat	CAS No.: EC No.: REACH: Index No.:	1-5%	Acute Tox. 4, H302 Eye Irrit. 2, H319 Aquatic Chronic 3, H412	

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

Other information
-

Labelling of contents according to Detergents Regulation (EC) No 648/2004
≥ 30%
· Oxygen-based bleaching Agents
· Phosphates

< 5%
· Non-ionic surfactants
· Phosphonates

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

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

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

Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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 produced. These are:
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 Centre (NPIC) on +353 (0) 1 809 256 (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.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Minor spills are collected with a cloth. Collection and disposal of the material shall be done with minimum creation of dust. Sweep and collect. Shall be contained in suitable and tightly closed disposal containers.
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

Recommended storage material

Keep only in original packaging.

Storage temperature

Room temperature 15 to 25°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

No substances are listed in the "List of Chemical Agents and Occupational Exposure Limit Values" with an occupational exposure limit.

DNEL

Disodium carbonate, compound with hydrogen peroxide (2:3)

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Dermal	6.4 mg/cm²
Long term – Local effects - Workers	Dermal	12.8 mg/cm²
Short term – Local effects - General population	Dermal	6.4 mg/cm²
Short term – Local effects - Workers	Dermal	12.8 mg/cm²
Long term – Local effects - Workers	Inhalation	5 mg/m³

Silicic acid, sodium salt

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	800 µg/kgbw/day
Long term – Systemic effects - Workers	Dermal	1.59 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.38 mg/m³
Long term – Systemic effects - Workers	Inhalation	5.61 mg/m³
Long term – Systemic effects - General population	Oral	800 µg/kgbw/day

sodium carbonate

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Inhalation	5 mg/m³
Long term – Local effects - Workers	Inhalation	10 mg/m³

PNEC

Disodium carbonate, compound with hydrogen peroxide (2:3)

Route of exposure	Duration of Exposure	PNEC
Freshwater		35 µg/L
Intermittent release (freshwater)		35 µg/L
Marine water		35 µg/L
Sewage treatment plant		16.24 mg/L

Silicic acid, sodium salt

Route of exposure	Duration of Exposure	PNEC
Freshwater		7.5 mg/L
Intermittent release (freshwater)		7.5 mg/L
Marine water		1 mg/L
Sewage treatment plant		348 mg/L

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

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

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

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

No specific requirements.

8.3. Individual protection measures, such as personal protective equipment

Generally

Use only CE marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements			

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	
Butyl	0,7	> 480	EN374-2, EN374-3, EN388, EN421	
Nitrile	0,5	> 480	EN374-2, EN374-3, EN388	

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
Tablets

Colour
White

Odour / Odour threshold
Characteristic

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

pH in solution
10 (1%)

Density (g/cm³)
Not applicable - product is a solid

Relative density
Not applicable - product is a solid

Kinematic viscosity
Not applicable - product is a solid

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

Phase changes

Melting point/Freezing point (°C)
Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)
Does not apply to solids.

Boiling point (°C)
Does not apply to solids.

Vapour pressure
Not applicable

Relative vapour density
Does not apply to solids.

Decomposition temperature (°C)
Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)
Not applicable - product is a solid

Auto-Ignition (°C)
Not applicable - product is a solid

Flammability (°C)
Not applicable - product is a solid

Lower and upper explosion limit (% v/v)
Not applicable - product is a solid

Solubility

Solubility in water
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

VOC (g/L)
0

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
The product is not degraded when used as specified in section 1.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	1034 mg/kg
Other information	

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	OECD 402
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	sodium carbonate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	2800 mg/kg
Other information	

Product/substance	sodium carbonate
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	sodium carbonate
Test method	OECD 403
Species	Rat
Route of exposure	Inhalation
Test	LD50

Result	2,3 mg/L
Other information	

Product/substance	Citric acid
Test method	OECD 401
Species	Rat
Route of exposure	Oral
Test	LD50
Result	5400 mg/kg
Other information	

Product/substance	Citric acid
Test method	OECD 401
Species	Rat
Route of exposure	Oral
Test	LD50
Result	11700 mg/kg
Other information	

Product/substance	Citric acid
Test method	OECD 402
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>2060 mg/m³
Other information	

Product/substance	Alkoholalkoxylat
Test method	OECD 423
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>300-<2000 mg/kg
Other information	

Skin corrosion/irritation

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	
Species	Rabbit
Duration	

Result	No adverse effect observed (Not irritating)
Other information	

Product/substance	sodium carbonate
Test method	OECD 404
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	

Product/substance	Citric acid
Test method	OECD 404
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	
Duration	
Result	Adverse effect observed (Irritating)
Other information	

Product/substance	Alkoholalkoxylat
Test method	OECD 404
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	

Serious eye damage/irritation

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	OECD 405
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	

Product/substance	sodium carbonate
Test method	OECD 404
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	

Product/substance	Citric acid
Test method	OECD 405
Species	Rabbit
Duration	
Result	Adverse effect observed (Irritating)
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	
Duration	
Result	Adverse effect observed (Irritating)
Other information	

Product/substance	Alkoholalkoxylat
Test method	OECD 405
Species	Rabbit
Duration	

Result	Adverse effect observed (Irritating)
Other information	

Causes serious eye damage.

Respiratory sensitisation

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	OECD 406
Species	Guinea pig
Result	No adverse effect observed (not sensitising)
Other information	

Product/substance	sodium carbonate
Test method	
Species	
Result	No adverse effect observed (not sensitising)
Other information	

Product/substance	Citric acid
Test method	
Species	
Result	No adverse effect observed (not sensitising)
Other information	

Skin sensitisation

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	OECD 406
Species	Guinea pig
Result	No adverse effect observed (not sensitising)
Other information	

Product/substance	sodium carbonate
Test method	
Species	
Result	No adverse effect observed (not sensitising)
Other information	

Germ cell mutagenicity

Product/substance	sodium carbonate
Test method	
Species	
Conclusion	No adverse effect observed
Other information	

Product/substance	Citric acid
Test method	OECD 475
Species	Rat
Conclusion	No adverse effect observed
Other information	

Product/substance	Citric acid
Test method	OECD 471
Species	Bacteria, S. typhimurium
Conclusion	No adverse effect observed
Other information	

Carcinogenicity

Product/substance	Citric acid
Test method	
Species	
Route of exposure	
Target organ	
Duration	
Test	
Result	
Conclusion	No adverse effect observed

Other information

Reproductive toxicity

Product/substance	sodium carbonate
Test method	
Species	
Duration	
Test	
Result	
Conclusion	No adverse effect observed
Other information	

Product/substance	Citric acid
Test method	
Species	
Duration	
Test	
Result	
Conclusion	No adverse effect observed
Other information	

STOT-single exposure

Product/substance	Silicic acid, sodium salt
Test method	
Species	
Route of exposure	
Target organ	
Duration	
Test	
Result	
Conclusion	Adverse effect observed
Other information	

STOT-repeated exposure

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	OECD 408
Species	Rat
Route of exposure	
Target organ	
Duration	
Test	NOAEL
Result	100 ppm
Conclusion	
Other information	

Product/substance	Citric acid
Test method	
Species	Rat
Route of exposure	
Target organ	
Duration	7 days
Test	NOAEL
Result	4000 mg/kg
Conclusion	
Other information	

Product/substance	Citric acid
Test method	
Species	Rat
Route of exposure	
Target organ	
Duration	7 days
Test	LOAEL
Result	8000 mg/kg
Conclusion	
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	Rat
Route of exposure	
Target organ	
Duration	
Test	NOAEL
Result	>159 mg/kg
Conclusion	
Other information	

Aspiration hazard

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

11.2. Information on other hazards

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

None known.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	
Species	Crustacean, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	4,9 mg/L
Other information	

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	
Species	Algae, Skeletonema costatum
Compartment	
Duration	72 hours
Test	EC50
Result	2,62 mg/L
Other information	

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	
Species	Fish, Pimephales promelas
Compartment	
Duration	96 hours
Test	LC50
Result	70,7 mg/L
Other information	

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	
Species	Crustacean, Daphnia pulex
Compartment	
Duration	48 hours
Test	NOEC
Result	2 mg/L
Other information	

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	OECD 209

Species	Bacteria
Compartment	
Duration	15 minutes
Test	EC50
Result	466 mg/L
Other information	

Product/substance	sodium carbonate
Test method	
Species	Fish, Lepomis macrochirus
Compartment	
Duration	96 hours
Test	LC50
Result	300 mg/L
Other information	

Product/substance	sodium carbonate
Test method	
Species	Crustacean, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	200-265 mg/L
Other information	

Product/substance	Citric acid
Test method	OECD 203
Species	Fish, Leuciscus idus
Compartment	
Duration	96 hours
Test	LC50
Result	440-706 mg/L
Other information	

Product/substance	Citric acid
Test method	OECD 202
Species	Crustacean, Daphnia magna
Compartment	
Duration	24 hours
Test	EC50
Result	1535 mg/L
Other information	

Product/substance	Citric acid
Test method	
Species	Algae, Scenedesmus quadricauda
Compartment	
Duration	
Test	EC5
Result	640 mg/L
Other information	

Product/substance	Citric acid
Test method	
Species	Algae, Scenedesmus quadricauda
Compartment	
Duration	7 days
Test	NOEC
Result	425 mg/L
Other information	

Product/substance	Citric acid
Test method	
Species	Bacteria, Pseudomonas putida
Compartment	

Duration	16 hours
Test	
Result	>10000 mg/L
Other information	

Product/substance	Silicic acid, sodium salt
Test method	OECD 203
Species	Fish, Brachydanio rerio
Compartment	
Duration	96 hours
Test	LC50
Result	>100 mg/L
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	Crustacean, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	>100 mg/L
Other information	

Product/substance	Silicic acid, sodium salt
Test method	
Species	Bacteria
Compartment	
Duration	48 hours
Test	EC0
Result	>1000 mg/L
Other information	

Product/substance	Alkoholalkoxylat
Test method	OECD 203
Species	Fish, Brachydanio rerio
Compartment	
Duration	96 hours
Test	LC50
Result	>10-100 mg/L
Other information	

Product/substance	Alkoholalkoxylat
Test method	OECD 202
Species	Crustacean, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	>10-100 mg/L
Other information	

Product/substance	Alkoholalkoxylat
Test method	
Species	Algae, Desmodesmus subspicatus
Compartment	
Duration	72 hours
Test	NOEC
Result	>0,1-1 mg/L
Other information	

12.2. Persistence and degradability

Product/substance	Citric acid
Biodegradable	Yes
Test method	OECD 301 E
Result	100

Product/substance	Alkoholalkoxylat
Biodegradable	Yes
Test method	OECD 301 B
Result	>60

12.3. Bioaccumulative potential

Product/substance	Disodium carbonate, compound with hydrogen peroxide (2:3)
Test method	
Potential bioaccumulation	No
LogPow	No data available.
BCF	No data available.
Other information	

Product/substance	sodium carbonate
Test method	
Potential bioaccumulation	No
LogPow	No data available.
BCF	No data available.
Other information	

Product/substance	Citric acid
Test method	
Potential bioaccumulation	No
LogPow	(-1,8)-(-0,2)
BCF	No data available.
Other information	

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

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

20 01 29* Detergents containing dangerous substances

Specific labelling

Not applicable.

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to ADR, IATA and IMDG.

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

No special.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

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. 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

Protection of Young Persons (Employment) Act, 1996
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H272, May intensify fire; oxidiser.
H302, Harmful if swallowed.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H335, May cause respiratory irritation.
H412, Harmful to aquatic life with long lasting effects.

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
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
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 mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

QM lujoCLEAN

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.
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