

acc. to Regulation (EC) No. 1907/2006 (REACH)

Cleaning Paste

Version number: GHS 12.0 Revision: 2025-03-07 Replaces version of: 2023-01-03 (GHS 11)

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

1.1 Product identifier

Trade name Cleaning Paste

Product code(s) 17055

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

Relevant identified uses cleaning agent

consumer use (private households)

1.3 Details of the supplier of the safety data sheet

Tristar Cleaning Products UK Ltd. Unit 3 Ripley Close WF6 1TB Normanton, Wakefield United Kingdom Tel: +44 1924856390

E-mail: info@tristargroup.uk

1.4 Emergency telephone number

Emergency information service for emergency responders

This number is only for medical emergencies.

Poison centre		
Country	Name	e-Mail
United Kingdom	National Poisons Information Service (NPIS)	director.birmingham.unit@npis.o rg

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

Section	Hazard class	Category	Hazard class and cat- egory	Hazard state- ment
3.3	serious eye damage/eye irritation	1	Eye Dam. 1	H318
4.1C	hazardous to the aquatic environment - chronic hazard	3	Aquatic Chronic 3	H412

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

The most important adverse physicochemical, human health and environmental effects Spillage and fire water can cause pollution of watercourses.

2.2 Label elements

Labelling

- Signal word danger

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- Pictograms

GHS05



- Hazard statements

H318 Causes serious eye damage.

H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

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/doctor.

P501 Dispose of contents/container in accordance with local/regional/national/international regu-

ations.

- Hazardous ingredients for labelling

amiden, C8-18- en C18-onverzadigde, N,N-bis(hydroxyethyl)-

2.3 Other hazards

Special danger of slipping by leaking/spilling product.

Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not relevant (mixture)

3.2 Mixtures

Description of the mixture

Name of substance	Identifier	Wt%	lassification acc. to GHS	Pictograms	Notes
amiden, C8-18- en C18-onverzadigde, N,N-bis(hydroxyethyl)-	CAS No 68155-07-7 EC No 931-329-6	1-<5	Skin Irrit. 2 / H315 Eye Dam. 1 / H318 Aquatic Chronic 2 / H411		
ammonia	CAS No 1336-21-6 EC No 215-647-6 Index No 007-001-01-2	<1	Skin Corr. 1A / H314 Eye Dam. 1 / H318 STOT SE 3 / H335 Aquatic Acute 1 / H400 Aquatic Chronic 2 / H411		

Name of substance	Specific Conc. Limits	M-Factors	ATE	Exposure route
ammonia	STOT SE 3; H335: C ≥ 5 %	-	-	

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Remarks

For full text of H-phrases: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

Self-protection of the first aider

Provision of sufficient ventilation. Wear suitable protective clothing, gloves and eye/face protection.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray, BC-powder, Carbon dioxide (CO2)

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO2)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance. Self-contained breathing apparatus (SCBA). SCBA with a chemical protection suit only where personal (close) contact is likely.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Follow emergency procedures such as the need to evacuate the danger area or to consult an expert. Remove persons to safety. Provision of sufficient ventilation. Prevent skin contact. Avoid inhaling sprayed product. Collection and use of expertise.

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For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases. Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

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6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it. If substance has entered a water course or sewer, inform the responsible authority.

6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains

Advice on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage: sawdust, kieselgur (diatomite), sand, universal binder

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Control of effects

Protect from sunlight.

Protect against external exposure, such as

frost

Packaging compatibilities

Keep only in original container.

7.3 Specific end use(s)

Cleaning agent. Consumer use (private households).

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values

Occupational exposure limit values (Workplace Exposure Limits)

Occupational exposure limit values (Workplace Exposure Limits)

this information is not available

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Relevant DNELs of components of the mixture							
Name of sub- stance			Threshold Protection goal, route of exposure		Used in	Exposure time	
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	DNEL	73.4 mg/m³	human, inhalat- ory	worker (industry)	chronic - systemic effects	
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	DNEL	4.16 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects	
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	DNEL	93.6 µg/cm²	human, dermal	worker (industry)	chronic - local ef- fects	
ammonia	1336-21-6	DNEL	47.6 mg/m³	human, inhalat- ory	worker (industry)	chronic - systemic effects	
ammonia	1336-21-6	DNEL	47.6 mg/m³	human, inhalat- ory	worker (industry)	acute - systemic effects	
ammonia	1336-21-6	DNEL	14 mg/m³	human, inhalat- ory	worker (industry)	chronic - local ef- fects	
ammonia	1336-21-6	DNEL	36 mg/m ³	human, inhalat- ory	worker (industry)	acute - local ef- fects	
ammonia	1336-21-6	DNEL	6.8 mg/kg bw/day	human, dermal	worker (industry)	chronic - systemic effects	
ammonia	1336-21-6	DNEL	6.8 mg/kg bw/day	human, dermal	worker (industry)	acute - systemic effects	

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Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	PNEC	0.007 ^{mg} /	aquatic organ- isms	freshwater	short-term (single instance)
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	PNEC	0.001 ^{mg} /	aquatic organ- isms	marine water	short-term (single instance)
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	PNEC	830 ^{mg} /	aquatic organ- isms	sewage treatment plant (STP)	short-term (single instance)
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	PNEC	0.195 ^{mg} / kg	aquatic organ- isms	freshwater sedi- ment	short-term (single instance)
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	PNEC	0.019 ^{mg} / kg	aquatic organ- isms	marine sediment	short-term (single instance)
amiden, C8-18- en C18-onverzadigde, N,N-bis(hy- droxyethyl)-	68155-07-7	PNEC	0.035 ^{mg} / kg	terrestrial organ- isms	soil	short-term (single instance)

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Relevant PNECs o	of componen	ts of the	mixture			
Name of sub- stance	CAS No	End- point	Threshold level	Organism	Environmental compartment	Exposure time
ammonia	1336-21-6	PNEC	0.001 ^{mg} /	aquatic organ- isms	freshwater	short-term (single instance)
ammonia	1336-21-6	PNEC	0.001 ^{mg} / _l	aquatic organ- isms	marine water	short-term (single instance)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

General protective and hygiene measures

Observe the usual precautions for handling chemicals. Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards. The following information on personal protective equipment (PPE) is to be understood as a suggestion. The selection of the necessary PPE must be considered by the employer depending on the activities to be carried out and the local conditions.

If it is determined during the on-site risk assessment that there is no danger to the employee, there is no need to wear PPE or the scope of the PPE to be used can be adjusted accordingly.

Eye/face protection

Wear eye/face protection. Use safety goggle with side protection.

Skin protection

- Hand protection

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

- Type of material

NBR: acrylonitrile-butadiene rubber

- Material thickness

> 0.35 mm

- Breakthrough times of the glove material

>480 minutes (permeation: level 6)

- Other protection measures

Protective clothing against liquid chemicals. Footwear protecting against chemicals. Preventive skin protection (barrier creams/ointments) is recommended. Take recovery periods for skin regeneration. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection. Type: ABEK (combined filters against gases and vapours, colour code: Brown/Grey/Yellow/Green).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state liquid (paste)

Colour beige

Odour like ammonia

Melting point/freezing point not determined

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Boiling point or initial boiling point and boiling

range

Flammability this material is combustible, but will not ignite

readily

100 °C

Lower and upper explosion limit not determined
Flash point not determined
Auto-ignition temperature not determined
Decomposition temperature not determined
pH (value) 10.5 (20 °C)

Kinematic viscosity not determined Solubility(ies) not determined

Partition coefficient

Partition coefficient n-octanol/water (log value) this information is not available

Vapour pressure 2.339 kPa at 20 °C (calculated value, referring to a compon-

ent of the mixture)

Density and/or relative density

Density not determined

Relative vapour density information on this property is not available

Particle characteristics not relevant (liquid)

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9.2 Other information

Information with regard to physical hazard classes hazard classes acc. to GHS (physical hazards): not

relevant

Other safety characteristics

VOC content 6.591 %

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to GHS

Acute toxicity

Shall not be classified as acutely toxic.

Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	Endpoint	Value	Species
amiden, C8-18- en C18-onverzadig- de, N,N-bis(hydroxyethyl)-	68155-07-7	oral	LD50	>2,000 ^{mg} / _{kg}	rat
amiden, C8-18- en C18-onverzadig- de, N,N-bis(hydroxyethyl)-	68155-07-7	dermal	LD50	>2,000 ^{mg} / _{kg}	rabbit

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitiser.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

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Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Aquatic toxicity	(acute) of	components	of the mixture
Addatic toxicity	acuteror	COHIDOHERICS	or the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
amiden, C8-18- en C18-onverzadigde, N,N-bis(hydroxyethyl)-	68155-07-7	LC50	2.4 ^{mg} / _l	fish	96 h
amiden, C8-18- en C18-onverzadigde, N,N-bis(hydroxyethyl)-	68155-07-7	EC50	3.2 ^{mg} / _l	aquatic invertebrates	48 h
amiden, C8-18- en C18-onverzadigde, N,N-bis(hydroxyethyl)-	68155-07-7	EbC50	2.2 ^{mg} / _l	algae	72 h
amiden, C8-18- en C18-onverzadigde, N,N-bis(hydroxyethyl)-	68155-07-7	ErC50	7.4 ^{mg} / _l	algae	72 h
ammonia	1336-21-6	LC50	3.4 ^{mg} / _l	fish	96 h

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
ammonia	1336-21-6	EC50	2,700 ^{mg} / _l	algae	18 d

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative	potential o	f components (of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
amiden, C8-18- en C18-onverza- digde, N,N-bis(hydroxyethyl)-	68155-07-7	65.36	1.35 – ≤4.84 (pH value: ~5.5, 20 °C)	
ammonia	1336-21-6		-0.64	

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12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of $\geq 0.1\%$.

12.6 Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) at a concentration of $\geq 0.1\%$.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packagings

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number or ID number	not subject to transport regulations
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14.2 UN proper shipping name not relevant

14.3 Transport hazard class(es) none

14.4 Packing group not assigned

14.5 Environmental hazards non-environmentally hazardous acc. to the dan-

gerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

Information for each of the UN Model Regulations

International Maritime Dangerous Goods Code (IMDG) - Additional information Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant provisions of the European Union (EU)

None of the ingredients are listed.

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Deco-Paint Directive

VOC content	9.152 %
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Industrial Emissions Directive (IED)

VOC content	6.591 %

Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

none of the ingredients are listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

none of the ingredients are listed

Water Framework Directive (WFD)

List of pollutants (WFD)			
Name of substance	CAS No	Listed in	Remarks
ammonia		a)	

Legend

a) Indicative list of the main pollutants

Regulation on persistent organic pollutants (POP)

none of the ingredients are listed

National regulations (GB)

List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list none of the ingredients are listed

Restrictions according to GB REACH, Annex 17

Dangerous substances with restrictions (GB REACH, Annex 17)

Name of substance	Name acc. to inventory	CAS No	No
Cleaning Paste	this product meets the criteria for classifica- tion in accordance with Regulation No 1272/2008/EC		3

National inventories

Co	ountry	Inventory	Status
	EU	REACH Reg.	not all ingredients are listed
	US	TSCA	not all ingredients are listed

<u>Legend</u>

REACH Reg. REACH registered substances
TSCA Toxic Substance Control Act

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

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SECTION 16: Other information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations	
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)	
Aquatic Acute	Hazardous to the aquatic environment - acute hazard	
Aquatic Chronic	Hazardous to the aquatic environment - chronic hazard	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BOD	Biochemical Oxygen Demand	
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)	
COD	Chemical oxygen demand	
DGR	Dangerous Goods Regulations (see IATA/DGR)	
DNEL	Derived No-Effect Level	
EbC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control	
EC50	Effective Concentration 50 %. The EC50 corresponds to the concentration of a tested substance causing 50 % changes in response (e.g. on growth) during a specified time interval	
EC No	The EC Inventory (EINECS, ELINCS and the NLP-list) is the source for the seven-digit EC number, an identi- fier of substances commercially available within the EU (European Union)	
ED	Endocrine disruptor	
EINECS	European Inventory of Existing Commercial Chemical Substances	
ELINCS	European List of Notified Chemical Substances	
ErC50	≡ EC50: in this method, that concentration of test substance which results in a 50 % reduction in either growth (EbC50) or growth rate (ErC50) relative to the control	
Eye Dam.	Seriously damaging to the eye	
Eye Irrit.	Irritant to the eye	
GB REACH	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)	
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations	
IATA	International Air Transport Association	
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)	
ICAO	International Civil Aviation Organization	
IMDG	International Maritime Dangerous Goods Code	
index No	The Index number is the identification code given to the substance in Part 3 of Annex VI to Regulation (EC) No 1272/2008	
LC50	Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval	
LD50	Lethal Dose 50 %: the LD50 corresponds to the dose of a tested substance causing 50 % lethality during a specified time interval	
log KOW	n-Octanol/water	
NLP	No-Longer Polymer	
PBT	Persistent, Bioaccumulative and Toxic	
PNEC	Predicted No-Effect Concentration	

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> Abbr. Descriptions of used abbreviations Registration, Evaluation, Authorisation and Restriction of Chemicals **REACH** Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations RID concerning the International carriage of Dangerous goods by Rail) SCBA Self-contained breathing apparatus Skin Corr. Corrosive to skin Skin Irrit. Irritant to skin STOT SE Specific target organ toxicity - single exposure VOC Volatile Organic Compounds vPvB Very Persistent and very Bioaccumulative

Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in section 2 and 3)

Code	Text
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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