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

1.1. Product identifier

ARENAS-oxydes

UFI: 9D70-Q046-8009-QU0Y

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

Use of the substance/mixture

Product for professional disinfection

1.3. Details of the supplier of the safety data sheet

Company name:	Johannes Kiehl KG
Street:	Robert-Bosch-Str. 9
Place:	D-85235 Odelzhausen
Telephone:	+49 8134 9305-0 Telefax: +49 8134 6466
E-mail:	info@kiehl-group.com
Contact person:	Laboratory department
Internet:	www.kiehl-group.com
Responsible Department:	Notrufnummer für deutsch- und englischsprachige Länder: +49/89/19240 Vergiftungsinformationszentrale (VIZ) Österreich: +43 1 406 43 43 Nationale Notrufnummer für die Schweiz (Tox-Zentrum Zürich): 145 Numéro d'urgence France: INRS: +33 (0) 1 45 42 59 59 Numero d' emergenza Italia: Centro Antiveleni - 20162 Milano: 02/66101029 ETTSZ /Egészségügyi Toxikológiai Tájékoztató Szolgálat/, 1096 Budapest, Nagyvárad tér 2. Ügyeleti telefonszám: +36 80 201-199 Eesti: Häirekeskuse number: 112 / Mürgistusteabekeskuse number: 16662 Emergency telephone number for all other countries: +49/8134/9305-169

KIEHL Austria GmbH	Perfektastr. 57;	A-1230 Wien	Tel. +43 (0) 1 / 604 99 93
KIEHL FRANCE S.A.R.L.	5, rue de Londres;	F-67670 Mommenheim	Tél. +33 (0) 3.88.59.52.25
KIEHL Italia s.r.l.	Via San Rocco, 101;	I-16036 Recco (GE)	Tel. +39 / 0185 730 008
KIEHL Schweiz AG	St. Dionys-Str. 33;	CH-8645 Jona	Tel. +41 (0) 55 / 254 74 74
KIEHL Hungary Kft.	Felsöipari körút 3/ D	HU-2142 Nagytarcsa	Tel. +36 (0) 1 / 348-08 41
KIEHL Middle East LLC	A8-LIU 48/49 - KIZAD	Abu Dhabi, U.A.E.	Tel. +971 2 550 33 96

1.4. Emergency telephone number:

+49/89/19240 (germanophone and anglophone)
For Belgium: +32 70 245 245 (free, 24/7) or +32 2 264 96 30 (normal rate)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

Self-react. F; H242
Met. Corr. 1; H290
Acute Tox. 4; H332
Acute Tox. 4; H312
Acute Tox. 4; H302
Skin Corr. 1A; H314
Eye Dam. 1; H318
STOT SE 3; H335
Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Hazard components for labelling

Peracetic Acid / Hydrogen Peroxide

Signal word: Danger

Pictograms:

Hazard statements

H242	Heating may cause a fire.
H290	May be corrosive to metals.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.
H335	May cause respiratory irritation.
H314	Causes severe skin burns and eye damage.
H410	Very toxic to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P234	Keep only in original packaging.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor.
P391	Collect spillage.

Special labelling of certain mixtures

EUH071	Corrosive to the respiratory tract.

2.3. Other hazards

None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

according to 648/2004/CE: organic acids, Peroxides

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
7722-84-1	Hydrogen peroxide solution 35%			25 - < 30 %
	231-765-0	008-003-00-9	01-2119485845-22	
	Ox. Liq. 1, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, Eye Dam. 1, STOT SE 3, Aquatic Chronic 3; H271 H332 H302 H314 H318 H335 H412			
64-19-7	acetic acid			5 - < 10 %
	200-580-7	607-002-00-6	01-2119475328-30	
	Flam. Liq. 3, Skin Corr. 1A, Eye Dam. 1; H226 H314 H318			
79-21-0	Peracetic acid ... %			1 - < 5 %
	201-186-8	607-094-00-8	01-2119531330-56	
	Flam. Liq. 3, Org. Perox. D, Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, Aquatic Acute 1, Aquatic Chronic 1; H226 H242 H332 H312 H302 H314 H400 H410			

Full text of H and EUH statements: see section 16.

Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
	Specific Conc. Limits, M-factors and ATE		
7722-84-1	231-765-0	Hydrogen peroxide solution 35%	25 - < 30 %
	inhalation: LC50 = >11 mg/l (vapours); inhalation: LC50 = >1,5 mg/l (dusts or mists); dermal: LD50 = 9200 mg/kg; oral: LD50 = 431 mg/kg Ox. Liq. 1; H271: >= 70 - 100 Ox. Liq. 2; H272: >= 50 - < 70 Skin Corr. 1A; H314: >= 70 - 100 Skin Corr. 1B; H314: >= 50 - < 70 Skin Irrit. 2; H315: >= 35 - < 50 Eye Dam. 1; H318: >= 8 - < 50 Eye Irrit. 2; H319: >= 5 - < 8 STOT SE 3; H335: >= 35 - 100		
64-19-7	200-580-7	acetic acid	5 - < 10 %
	inhalation: LC50 = >20 mg/l (vapours); oral: LD50 = 3310 mg/kg Skin Corr. 1A; H314: >= 90 - 100 Skin Corr. 1B; H314: >= 25 - < 90 Skin Irrit. 2; H315: >= 10 - < 25 Eye Irrit. 2; H319: >= 10 - < 25		
79-21-0	201-186-8	Peracetic acid ... %	1 - < 5 %
	inhalation: ATE = 11 mg/l (vapours); inhalation: LC50 = 0,204 mg/l (dusts or mists); dermal: LD50 = 228,8 mg/kg; oral: LD50 = 85 mg/kg STOT SE 3; H335: >= 1 - 100 Aquatic Chronic 1; H410: M=10		

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Avoid contact with skin and eyes.

After inhalation

Take the victim into fresh air.
If unconscious place in recovery position and seek medical advice.
No artificial respiration, mouth-to-mouth or mouth to nose. Use suitable instruments/apparatus.
Call a physician immediately.

After contact with skin

Flush with water. Do NOT use solvents or thinners.
Take off all contaminated clothing immediately.
Call a physician immediately.

After contact with eyes

Remove contact lenses, if present and easy to do.
Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes.

Call a physician immediately.

After ingestion

Rinse mouth.
Immediately give large quantities of water to drink.
Never give anything by mouth to an unconscious person.
Prevent vomiting if possible.
Call a physician immediately.

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

This information is not available.

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

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Any extinguishing means and measures are acceptable.

5.2. Special hazards arising from the substance or mixture

This information is not available.

5.3. Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Avoid contact with skin, eyes and clothing.
Emergency measures on accidental release:
Respirator with combination filter for vapour/particulate (EN 141).
A2B2E2K1P2 (Draeger)
OV/AG (3M)
ABEK2P3 (3M)

For non-emergency personnel

Use personal protection equipment.

For emergency responders

Use personal protection equipment.

6.2. Environmental precautions

Do not flush into surface water.

6.3. Methods and material for containment and cleaning up

For containment

Stop leak if safe to do so. Cover drains.
Prevent spread over a wide area (e.g. by containment or oil barriers).

For cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).
Clean contaminated articles and floor according to the environmental legislation.

Other information

Any leaked product must be rinsed off with plenty of water.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.
Ensure adequate ventilation, especially in confined areas.

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition.

Advice on general occupational hygiene

General industrial hygiene practice.

Further information on handling

Do not keep container sealed.
Avoid formation of aerosol.
Always transport and store containers upright.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in original container. Keep in a dry, cool and well-ventilated place.
Store in a place accessible by authorized persons only.

Hints on joint storage

Keep away from food and drink.
Keep away from combustible material.
Incompatible products: See also section 10

Further information on storage conditions

Keep container tightly closed. Store in upright position only.
Never return unused material to storage receptacle.
Take precautionary measures against static discharges.

7.3. Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	WEL
		20	50		STEL (15 min)	WEL
7722-84-1	Hydrogen peroxide	1	1.4		TWA (8 h)	WEL
		2	2.8		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

Not required.

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166

Hand protection

Protective gloves
Recommendation: Nature latex gloves with parts of polychloropren latex and a coating thickness of 0.6 mm which protect at least 8 hours (corresponds to the permeability level 6 of the European norm DIN/EN 374) and provide a resistance to swelling of < 15%.

Skin protection

Wear suitable protective clothing.

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient , respiratory protection must be worn. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. (EN 14387)

Environmental exposure controls

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	pungent

		Test method
Melting point/freezing point:	approx. -28 °C	
Boiling point or initial boiling point and boiling range:	not applicable	
Flammability:	not applicable	
Lower explosion limits:	not applicable	
Upper explosion limits:	not applicable	
Flash point:	not determined	
Auto-ignition temperature:	395 °C	
Decomposition temperature:	> 60 °C	
pH-Value (at 20 °C):	approx. 0,5	K-QP1012C
Viscosity / kinematic: (at 20 °C)	1,19 mm²/s	DIN 51562
Water solubility: (at 20 °C)	completely miscible	
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	27 hPa	
Density (at 20 °C):	1,12 g/cm³	K-QP1012E
Relative vapour density:	not determined	
Particle characteristics:	not applicable	

9.2. Other information

Information with regard to physical hazard classes

Explosive properties

no data available

Self-ignition temperature

Solid:	not applicable
Gas:	not applicable

Oxidizing properties

Not relevant

Other safety characteristics

Evaporation rate:	not determined
Solid content:	not determined
Sublimation point:	not applicable
Softening point:	not applicable
Pour point:	not applicable

Viscosity / dynamic:	not determined
Flow time:	not determined

Further Information

Oxidizer

SECTION 10: Stability and reactivity

10.1. Reactivity

Oxidizer. Contact with other material may cause fire.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Decomposes by reaction with alkaline solutions.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.
Do not expose to temperatures above 35 °C.

10.5. Incompatible materials

alkalis, Reducing agents, Impurities, Metals

10.6. Hazardous decomposition products

Steam, Oxygen

Further information

Do not mix with other detergents or chemicals.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in GB CLP Regulation

Acute toxicity

Harmful if inhaled.
Harmful in contact with skin. (On basis of test data)
Harmful if swallowed.

ATEmix tested

	Dose	Species	Source
LD50, dermal	1147 mg/kg	Rabbit	US-EPA

CAS No	Chemical name					
	Exposure route	Dose		Species	Source	Method
7722-84-1	Hydrogen peroxide solution 35%					
	oral	LD50 mg/kg	431	rat		
	dermal	LD50 mg/kg	9200	rabbit		OECD 402
	inhalation (4 h) vapour	LC50	>11 mg/l			
	inhalation (4 h) dust/mist	LC50	>1,5 mg/l			
64-19-7	acetic acid					
	oral	LD50 mg/kg	3310	Rat	GESTIS	
	inhalation (4 h) vapour	LC50	>20 mg/l			
79-21-0	Peracetic acid ... %					
	oral	LD50	85 mg/kg	Rat		EPA
	dermal	LD50 mg/kg	228,8	Rabbit		US-EPA
	inhalation vapour	ATE	11 mg/l			
	inhalation (4 h) dust/mist	LC50 mg/l	0,204	Rat		OECD 403

Irritation and corrosivity

Skin corrosion/irritation: Causes severe skin burns and eye damage.
Serious eye damage/eye irritation: Causes serious eye damage.
Corrosive to the respiratory tract.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

May cause respiratory irritation. (Peracetic acid ... %)

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

Endocrine disrupting properties

This information is not available.

Further information

Health injuries are not known or expected under normal use.

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

CAS No	Chemical name						
	Aquatic toxicity	Dose		[h] | [d]	Species	Source	Method
7722-84-1	Hydrogen peroxide solution 35%						
	Acute fish toxicity	LC50	16,4 mg/l	96 h	Pimephales promelas (fathead minnow)		
	Acute crustacea toxicity	EC50	2,4 mg/l	48 h	Daphnia pulex (water flea)		
	Crustacea toxicity	NOEC	0,63 mg/l	3 d	Skeletonema costatum		
	Acute bacteria toxicity	EC50	466 mg/l ( )	0,5 h			OECD 209
64-19-7	acetic acid						
	Acute fish toxicity	LC50	>1000 mg/l	96 h			
	Acute algae toxicity	ErC50	>1000 mg/l	72 h	Skeletonema costatum	literature value	ISO 10253
	Acute crustacea toxicity	EC50	>300,82 mg/l	48 h	Daphnia magna	literature value	
	Fish toxicity	NOEC	34,3 mg/l	21 d	Oncorhynchus mykiss (Rainbow trout)	literature value	OECD 204
	Algae toxicity	NOEC	1000 mg/l	3 d	Skeletonema costatum	literature value	ISO 10253
	Crustacea toxicity	NOEC	31,4 mg/l	21 d	Daphnia magna (Big water flea)	literature value	OECD 202
	Acute bacteria toxicity	EC50	1150 mg/l ( )				
79-21-0	Peracetic acid ... %						
	Acute fish toxicity	LC50	1,1 mg/l	96 h	Lepomis macrochirus (Bluegill)	By analogy.	
	Acute algae toxicity	ErC50	0,16 mg/l	72 h	Pseudokirchneriella subcapitata	By analogy.	US-EPA
	Acute crustacea toxicity	EC50	0,73 mg/l	48 h	Daphnia magna (Big water flea)	By analogy.	
	Fish toxicity	NOEC	0,00069 mg/l	33 d	Danio rerio (zebrafish)	By analogy.	OECD 210
	Algae toxicity	NOEC	0,061 mg/l	3 d	Pseudokirchneriella subcapitata	By analogy.	US-EPA
	Crustacea toxicity	NOEC	0,0121 mg/l	21 d	Daphnia magna (Big water flea)	By analogy.	OECD 211
	Acute bacteria toxicity	EC50	5,1 mg/l ( )	3 h		By analogy.	OECD 209

12.2. Persistence and degradability

This information is not available.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64-19-7	acetic acid			
		96%	20	literature value
79-21-0	Peracetic acid ... %			
	OECD 301 E	98%	28	By analogy.

12.3. Bioaccumulative potential

This information is not available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
7722-84-1	Hydrogen peroxide solution 35%	-1,57
64-19-7	acetic acid	-0,17
79-21-0	Peracetic acid ... %	-0,26

BCF

CAS No	Chemical name	BCF	Species	Source
64-19-7	acetic acid	3,16		literature value

12.4. Mobility in soil

This information is not available.

12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

This information is not available.

Further information

The organic ingredients can be biodegraded in a sewage plant after neutralization. Chemical Oxygen Demand (COD) 251 mg O2/g

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not dispose of waste into sewer.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Clean container with water. Return cleaned containers to the company for recycling.
Offer rinsed packaging material to local recycling facilities.

SECTION 14: Transport information

Land transport (ADR/RID)

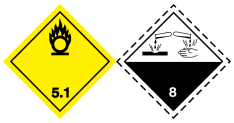
14.1. UN number or ID number: UN 3149

14.2. UN proper shipping name: HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

14.3. Transport hazard class(es): 5.1

14.4. Packing group: II

Hazard label: 5.1+8

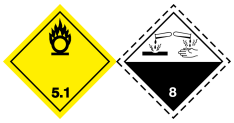


Classification code: OC1

Special Provisions:	196 553
Limited quantity:	1 L
Excepted quantity:	E2
Transport category:	2
Hazard No:	58
Tunnel restriction code:	E

Marine transport (IMDG)

14.1. UN number or ID number:	UN 3149
14.2. UN proper shipping name:	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
14.3. Transport hazard class(es):	5.1
14.4. Packing group:	II
Hazard label:	5.1+8



Special Provisions:	196
Limited quantity:	1 L
Excepted quantity:	E2
EmS:	F-H, S-Q
Segregation group:	Peroxides

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes

14.6. Special precautions for user

Not required

14.7. Maritime transport in bulk according to IMO instruments

not applicable

Other applicable information

Always transport and store containers upright.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Marketing and use of explosives precursors (Regulation (EU) 2019/ 1148):

Acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

Additional information

This product is a biocidal product within the meaning of Regulation (EU) No 528/2012.
Use biocides safely. Always read the label and product information before use.

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 15

Abbreviations and acronyms

Ox. Liq: Oxidising liquids
Org. Perox
Met. Corr: Corrosive to metals
Flam. Liq: Flammable liquids
Self-react
Acute Tox: Acute toxicity
Skin Corr: Skin corrosion
Eye Dam: Eye damage
STOT SE: Specific target organ toxicity - single exposure
Aquatic Acute: Acute aquatic hazard
Aquatic Chronic: Chronic aquatic hazard
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at http://abbrev.esdscom.eu

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Self-react. F; H242	Expert judgement and weight of evidence determination
Met. Corr. 1; H290	Bridging principle "Substantially similar mixtures"
Acute Tox. 4; H332	Calculation method
Acute Tox. 4; H312	On basis of test data
Acute Tox. 4; H302	Calculation method
Skin Corr. 1A; H314	Calculation method
Eye Dam. 1; H318	Calculation method
STOT SE 3; H335	Calculation method
Aquatic Chronic 1; H410	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H271	May cause fire or explosion; strong oxidiser.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)