IKAROS Buoyant Smoke 3 Minute

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 25/09/2025 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : IKAROS Buoyant Smoke 3 Minute
Product code : 342130

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

Relevant identified uses

Main use category : Professional use, consumer use
Use of the substance/mixture : Daylight distress signal, buoyant orange smoke

1.3. Details of the supplier of the safety data sheet

Hansson PyroTech AB
Köpingsvägen 35
SE-711 31 Lindesberg
Sweden
Phone +46 58187250
E-mail info@hansson-pyrotech.com
Website www.hansson-pyrotech.com

1.4. Emergency telephone number

Land/region	Organisation	Emergency phone	Opening hours
UK	National Health Service (NHS) in England	111	24 hours a day, 7 days a week

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Expl. 1.4	H204
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
STOT SE 3	H335
Aquatic Acute 1	H400
Aquatic Chronic 1	H410

Adverse physicochemical, human health and environmental effects

Fire or projection hazard.
Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. May cause respiratory irritation.
Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS01

Signal word (CLP)	:	Warning
Contains	:	1,4-dihydroxy-9,10-anthraquinone, potassium chlorate
Hazard statements (CLP)	:	H204 - Fire or projection hazard.
Precautionary statements (CLP)	:	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P234 - Keep only in original container. P240 - Ground/bond container and receiving equipment. P250 - Do not subject to grinding/shock/friction. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P370+P372+P380+P373 - In case of fire: Explosion risk. Evacuate area. DO NOT fight fire when fire reaches explosives. P370+P380+P375 - In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. P401 - Store in accordance with local regulations on explosives. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional and national regulations.

CLP Annex 1, 1.3.5:
Explosive substances, mixtures and articles placed on the market with the intention of producing an explosive or pyrotechnic effect shall only be labelled and packaged in accordance with the requirements for explosive substances, mixtures and articles.

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,4-dihydroxy-9,10-anthraquinone	CAS-No.: 81-64-1 EC-No.: 201-368-7	33,6	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317 STOT SE 3; H335 Aquatic Acute 1; H400; M-factor M=10 Aquatic Chronic 1; H410; M-factor M=10
potassium chlorate	CAS-No.: 3811-04-9 EC-No.: 223-289-7 EC Index-No.: 017-004-00-3 REACH-no: 01-2119494917-18	27,5	Ox. Sol. 1, H271 Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 4 (Inhalation:dust,mist), H332 (ATE=1.5 mg/l/4h) Aquatic Chronic 2, H411

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

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash skin with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Unlikely due to the state of the chemical.

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

Symptoms/effects after inhalation : May cause respiratory irritation.

Symptoms/effects after skin contact : The chemical may irritate skin and cause itching, burning and redness. Allergic reaction symptoms can be: redness, swelling, itching, blistering.

Symptoms/effects after eye contact : May cause irritation of the eyes, and cause redness and watering.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use foam, dry chemical, CO_2 or mist early in the fire.

Unsuitable extinguishing media : Once the product is lit up, it is very difficult to extinguish with any extinguishing media.

5.2. Special hazards arising from the substance or mixture

Fire or explosion hazard : Fire or projection hazard in the event of ignition or initiation.

Hazardous decomposition products in case of fire : Dense orange smoke that can be ignited in a confined space.

5.3. Advice for firefighters

Firefighting instructions : Evacuate area. Move containers away from the fire area if this can be done without risk. Remove all sources of ignition. Do not fight fire when fire reaches explosives. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Notify authorities if product enters sewers or public waters.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes.

For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures	:	Evacuate unnecessary personnel.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	:	Using a clean shovel, put the material in a dry container and cover without compressing it.
Methods for cleaning up	:	Mechanically recover the product. Notify authorities if product enters sewers or public waters.
Other information	:	Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

See also sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	:	Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling	:	Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures	:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Store only in the original packaging and according to the local regulations regarding the storage of explosive materials.

7.3. Specific end use(s)

See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

The product does not contain any substances with occupational exposure limits for respiratory tract exposure.

8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation. Eyewash facilities and emergency shower should be available at the workplace.

Personal protective equipment:

Wear recommended personal protective equipment. The personal protective equipment must be UKCA-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment. The protection equipment's suitability and durability will depend on application.

Eye protection:
Shatter proof glasses or goggles if there is a risk of eye contact.

Eye protection			
Type	**Field of application**	**Characteristics**	**Standard**
polycarbonate	Shatter proof	With side shields	EN ISO 16321-1:2022

Skin and body protection:
Wear suitable protective clothing

Hand protection:
Protective gloves

Hand protection			
Type	**Material**	**Thickness (mm)**	**Standard**
Disposable gloves or reusable gloves	Leather or similar	No data available	EN 21420:2020 (Protective gloves - General requirements and test methods)

Respiratory protection:
If dust is produced: dust mask with filter type P2

Respiratory protection			
Device	**Filter type**	**Condition**	**Standard**
Mask with particle filter	P2	Dust formation	EN 143

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Solid
Colour	:	Red metal can with red / white label and red cap
Odour	:	None
Odour threshold	:	Not applicable
Melting point	:	Not available
Freezing point	:	Not applicable
Boiling point	:	Not applicable
Flammability	:	Contents are ignitable
Explosive properties	:	Fire or projection hazard
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	Not applicable
Auto-ignition temperature	:	> 200 °C
Decomposition temperature	:	Not available
pH	:	Not applicable
Viscosity, kinematic	:	Not applicable
Solubility	:	Insoluble in water
Partition coefficient n-octanol/water (Log Kow)	:	Not available

Vapour pressure	:	Not applicable
Relative density	:	Not available
Relative vapour density	:	Not available
Particle size	:	Not available

9.2. Other information

Oxidising properties: Potassium chlorate is a strong oxidizer.

SECTION 10: Stability and reactivity

10.1. Reactivity

Fire or projection hazard.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Fire or projection hazard in the event of ignition or initiation.

10.4. Conditions to avoid

Avoid temperature above 75 °C.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

None under normal conditions. See also section 5.2.

SECTION 11: Toxicological information

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

Acute toxicity (oral)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	:	Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	:	Not classified (Based on available data, the classification criteria are not met)

1,4-dihydroxy-9,10-anthraquinone (CAS 81-64-1)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2500 mg/kg

Skin corrosion/irritation	:	Causes skin irritation.
Serious eye damage/irritation	:	Causes serious eye irritation.
Respiratory or skin sensitisation	:	May cause an allergic skin reaction.
Germ cell mutagenicity	:	Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	:	Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	:	Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	:	May cause respiratory irritation.

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

IKAROS Buoyant Smoke 3 Minute	
Viscosity, kinematic	Not applicable

11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short–term (acute) : Very toxic to aquatic life.

Hazardous to the aquatic environment, long–term (chronic) : Very toxic to aquatic life with long lasting effects.

1,4-dihydroxy-9,10-anthraquinone (CAS 81-64-1)	
EC50 - Crustacea [1]	0.134 mg/l Daphnia magna
EC50 72h - Algae [1]	0.00757 mg/l Desmodesmus subspicatus

12.2. Persistence and degradability

1,4-dihydroxy-9,10-anthraquinone (CAS 81-64-1)	
Degradability	52% degraded after 20 days (Closed bottle test)

12.3. Bioaccumulative potential

1,4-dihydroxy-9,10-anthraquinone (CAS 81-64-1)	
Persistence	BCF: 30.9 Log Pow: 2.34

12.4. Mobility in soil

Not expected to be mobile.

12.5. Results of PBT and vPvB assessment

IKAROS Buoyant Smoke 3 Minute
Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Disposed of as hazardous waste by approved contractor. The waste code (EWC-Code) is intented as a guide. The code must be chosen by the user, if the use differs from the one mentioned below.

Sewage disposal recommendations : Disposal must be done according to official regulations. Do not discharge into drains or rivers.

Product/Packaging disposal recommendations : Comply with applicable regulations for solid waste disposal. Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

HP Code : HP 1 - Explosive waste which is capable by chemical reaction of producing gas at such a temperature and pressure and at such a speed as to cause damage to the surroundings. Pyrotechnic waste, explosive organic peroxide waste and explosive self-reactive waste is included.
HP 4 – Irritant waste
HP 5 - Specific Target Organ Toxicity
HP 13 – Sensitising waste
HP 14 - Ecotoxic waste which presents or may present immediate or delayed risks for one or more sectors of the environment

EWC : 16 04 02 Fireworks wastes

SECTION 14: Transport information

Packaging in cardboard may be transported with UN 0197: Swedish Civil Contingencies Agency (MSB) Cert No: 2025-05127

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 0197	UN 0197	UN 0197	UN 0197	UN 0197
14.2. UN proper shipping name				
SIGNALS, SMOKE	SIGNALS, SMOKE	Signals, smoke	SIGNALS, SMOKE	SIGNALS, SMOKE
Transport document description				
UN 0197 SIGNALS, SMOKE, 1.4G, (E), ENVIRONMENTALLY HAZARDOUS	UN 0197 SIGNALS, SMOKE, 1.4G, MARINE POLLUTANT/ ENVIRONMENTALLY HAZARDOUS	UN 0197 Signals, smoke, 1.4G, ENVIRONMENTALLY HAZARDOUS	UN 0197 SIGNALS, SMOKE, 1.4G, ENVIRONMENTALLY HAZARDOUS	UN 0197 SIGNALS, SMOKE, 1.4G, ENVIRONMENTALLY HAZARDOUS

ADR	IMDG	IATA	ADN	RID
14.3. Transport hazard class(es)				
1.4G	1.4G	1.4G	1.4G	1.4G
				
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-B EmS-No. (Spillage): S-X	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

Packaging in steel cage and cardboard may be transported with UN 0507: Swedish Civil Contingencies Agency (MSB) Cert No: 2025-05127

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
UN 0507	UN 0507	UN 0507	UN 0507	UN 0507
14.2. UN proper shipping name				
SIGNALS, SMOKE	SIGNALS, SMOKE	Signals, smoke	SIGNALS, SMOKE	SIGNALS, SMOKE
Transport document description				
UN 0507 SIGNALS, SMOKE, 1.4S, (E), ENVIRONMENTALLY HAZARDOUS	UN 0507 SIGNALS, SMOKE, 1.4S, MARINE POLLUTANT/ ENVIRONMENTALLY HAZARDOUS	UN 0507 Signals, smoke, 1.4S, ENVIRONMENTALLY HAZARDOUS	UN 0507 SIGNALS, SMOKE, 1.4S, ENVIRONMENTALLY HAZARDOUS	UN 0507 SIGNALS, SMOKE, 1.4S, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
1.4S	1.4S	1.4S	1.4S	1.4S
				
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes EmS-No. (Fire): F-B EmS-No. (Spillage): S-X	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes

14.6. Special precautions for user

Overland transport

Limited quantities (ADR)	:	0
Excepted quantities (ADR)	:	E0
Packing instructions (ADR)	:	P135
Mixed packing provisions (ADR)	:	MP23, MP24
Transport category (ADR)	:	UN 0197: 2 UN 0507: 4
Special provisions for carriage - Packages (ADR)	:	UN 0197: V2
Special provisions for carriage - Loading, unloading and handling (ADR)	:	CV1, CV2, CV3
Special provisions for carriage - Operation (ADR)	:	S1
Tunnel restriction code (ADR)	:	(E)

Transport by sea

Limited quantities (IMDG)	:	0
Excepted quantities (IMDG)	:	E0
Packing instructions (IMDG)	:	P135
Stowage category (IMDG)	:	UN 0197: 02 UN 0507: 01
Stowage and handling (IMDG)	:	SW1
Properties and observations (IMDG)	:	See glossary of terms in appendix B.

Air transport

PCA Excepted quantities (IATA)	:	E0
PCA Limited quantities (IATA)	:	Forbidden
PCA limited quantity max net quantity (IATA)	:	Forbidden
PCA packing instructions (IATA)	:	135
PCA max net quantity (IATA)	:	25kg
CAO packing instructions (IATA)	:	135
CAO max net quantity (IATA)	:	100kg
Special provisions (IATA)	:	A802
ERG code (IATA)	:	UN 0197: 1L UN 0507: 3L

Inland waterway transport

Classification code (ADN)	:	1.4S
Limited quantities (ADN)	:	0
Excepted quantities (ADN)	:	E0
Equipment required (ADN)	:	PP
Provisions prior to loading (ADN)	:	LO01
Provisions for handling and stowage of the cargo (ADN)	:	HA01, HA03
Number of blue cones/lights (ADN)	:	0

Rail transport

Classification code (RID)	:	1.4S
Limited quantities (RID)	:	0
Excepted quantities (RID)	:	E0
Packing instructions (RID)	:	P135
Mixed packing provisions (RID)	:	MP23, MP24
Transport category (RID)	:	UN 0197: 2 UN 0507: 4

Special provisions for carriage – Packages (RID)	:	W2
Special provisions for carriage - Loading, unloading and handling (RID)	:	CW1
Colis express (express parcels) (RID)	:	CE1
Hazard identification number (RID)	:	1.4S

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals): potassium chlorate (CAS 3811-04-9)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

The List of Wastes (England) (Amendment) Regulations 2005. (SI 2005 No. 895).
The Carriage of Dangerous Goods.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Expl. 1.4	Explosives, Division 1.4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Sol. 1	Oxidising Solids, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H204	Fire or projection hazard.
H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
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.
H411	Toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Expl. 1.4	H204	Test
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.