

SECTION1. Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product code : B/W KIT INVERSIONE I° SVILUPPO It 1
Trades code : B/W KITINV A

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

Photographic Process

Sectors of use:

Professional use[SU22]

Product category:

Photochemicals

Process categories:

Mixing or blending in batch processes for formulation of preparations* and articles (multistage and/or significant contact)[PROC5]

Uses advised against

Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

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1.4. Emergency telephone number

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SECTION2. Hazards identification**2.1. Classification of the substance or mixture**

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS07, GHS08

Hazard Class and Category Code(s):

Skin Irrit. 2, Skin Sens. 1, Eye Irrit. 2, Muta. 2, Carc. 2, Aquatic Chronic 3

Hazard statement Code(s):

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H341 - Suspected of causing genetic defects

H351 - Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412 - Harmful to aquatic life with long lasting effects.

If brought into contact with eyes, the product causes significant irritations which may last for more than 24 hours, if brought into contact with skin, it causes significant inflammation with erythema, scabs, or edema

The product, if brought into contact with skin can cause skin sensitization.

The product is suspected of causing genetic defects

The product may pose a risk of carcinogenesis.

The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):

GHS07, GHS08 - Warning

Hazard statement Code(s):

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H341 - Suspected of causing genetic defects

H351 - Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H412 - Harmful to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):

not applicable

Precautionary statements:

Prevention

P201 - Obtain special instructions before use.

P261 - Avoid breathing dust, fume, gas, mist, vapours, spray.

P273 - Avoid release to the environment.

P280 - Wear protective gloves protective clothing eye protection face protection.

Response

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice attention.

P363 - Wash contaminated clothing before reuse.

Disposal

P501 - Dispose of contents and container in accordance with the laws in force

Contains:

bis(4-hydroxy-N-methylanilinium) sulphate, hydroquinone, Sodium Hydroxide

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII
 The use of this chemical agent involves the obligation of "risk assessment" by the employer in accordance with Dlgs.
 April 9, 2008 # 81. Workers exposed to this chemical agent should not be subjected to health surveillance if the results
 of the risk assessment show that, in relation to the type and quantity of hazardous chemical agent and that agent
 exposure frequency and mode, you just a "moderate risk" for the health and safety of workers and that the measures
 laid down in the decree are sufficient to reduce the risk.

RESTRICTED TO PROFESSIONAL USERS

For professional use only


SECTION3. Composition/information on ingredients
3.1 Substances

Irrelevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
sodium carbonate	> 5 <= 10%	Eye Irrit. 2, H319	011-005-00-2	497-19-8	207-838-8	
hydroquinone	> 1 < 3%	Acute Tox. 4, H302; Skin Sens. 1, H317; Eye Dam. 1, H318; Muta. 2, H341; Carc. 2, H351; Aquatic Acute 1, H400 Acute	604-005-00-4	123-31-9	204-617-8	1-21195240 16-51

In conformity to Regulation (EU) 2015/830

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
		toxicity M-factor = 10				
Sodium Hydroxide	> 1 < 2%	Met. Corr. 1, H290; Skin Corr. 1A, H314	011-002-00-6	1310-73-2	215-185-5	01-2119457 892-27
bis(4-hydroxy-N-methylanilinium) sulphate	> 0,1 <= 1%	Acute Tox. 4, H302; Skin Sens. 1, H317; STOT RE 2, H373; Aquatic Chronic 1, H410	650-031-00-4	55-55-0	200-237-1	

SECTION4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

IF exposed or concerned: Get medical advice/attention.

If skin irritation occurs: Get medical advice attention.

If eye irritation persists: Get medical advice attention.

SECTION5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO2, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**6.1.1 For non-emergency personnel:**

Leave the area surrounding the spill or release. Do not smoke

Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the the authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up**6.3.1 For containment:**

Rapidly recover the product, wear a mask and protective clothing

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION7. Handling and storage**7.1. Precautions for safe handling**

Avoid contact and inhalation of vapors

Wear protective gloves protective clothing eye protection face protection.

In residential areas do not use on large surfaces.

At work do not eat or drink.

Contaminated work clothing should not be allowed out of the workplace.

See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3. Specific end use(s)

Professional use:

Photographic and cinematographic treatment

SECTION8. Exposure controls/personal protection**8.1. Control parameters**

Related to contained substances:

sodium carbonate:

Anyone.

hydroquinone:

TLV: TWA 1 mg/m³ as A3 (carcinogen recognized for the animal with unknown relevance to humans); (ACGIH 2004).

MAK: skin absorption (H); Carcinogenicity class: 2; Group mutagen to germ cells: 3A; (DFG 2004).

Sodium Hydroxide:

TLV: 2 mg/m³ (valore Ceiling) (ACGIH 2004).

bis(4-hydroxy-N-methylanilinium) sulphate:

Contains no substances with occupational exposure limit value.

- Substance: hydroquinone

DNEL

Systemic effects Long term Workers inhalation = 7 (mg/m³)

Systemic effects Long term Workers dermal = 128 (mg/kg bw/day)

Systemic effects Long term Consumers inhalation = 1,74 (mg/m³)

Systemic effects Long term Consumers dermal = 64 (mg/kg bw/day)

Local effects Long term Workers inhalation = 1

Local effects Long term Consumers inhalation = 0,5 (mg/m³)

PNEC

Sweet water = 0,000114 (mg/l)

sediment Sweet water = 0,00098 (mg/kg/sediment)

Sea water = 0,000114 (mg/l)

sediment Sea water = 0,000097 (mg/kg/sediment)

intermittent emissions = 0,00134 (mg/l)

STP = 0,000129 (mg/l)

8.2. Exposure controls



Appropriate engineering controls:

Professional use:

Not established

Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection

When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other

When handling the pure product wear full protective skin clothing.

(c) Respiratory protection

Not needed for normal use.

(d) Thermal hazards

No hazard to report

Environmental exposure controls:

Related to contained substances:

hydroquinone:

Do not let this chemical contaminates the environment.

Sodium Hydroxide:

Individual protective equipment: Provide eyewash and emergency shower.

General protective and hygienic measures: at work do not eat, don't drink, don't smoke.

Respiratory protection: use a mask with filter P2.

Hand protection: rubber gloves approved according to EN374.

Eye protection: safety glasses with side shields (EN 166).

Body protection: antacid Suit or a plastic apron (EN 340).

SECTION9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	Liquid	
Odour	Not determined	
Odour threshold	undefined	
pH	11.30 ± 0.05 a 20 C°	pH METRO

Physical and chemical properties	Value	Determination method
Melting point/freezing point	undefined	
Initial boiling point and boiling range	> 100 °C	
Flash point	non flammable	ASTM D92
Evaporation rate	Irrilevant	
Flammability (solid, gas)	Not determined	
Upper/lower flammability or explosive limits	Irrilevant	
Vapour pressure	Irrilevant	
Vapour density	Irrilevant	
Relative density	1.075 ± 0.005 a 20 °C	
Solubility	in water	
Water solubility	Complete	
Partition coefficient: n-octanol/water	Not determined	
Auto-ignition temperature	Irrilevant	
Decomposition temperature	Not determined	
Viscosity	Irrilevant	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

9.2. Other information

Content of VOC ready to use condition: 0,00 %

SECTION10. Stability and reactivity

10.1. Reactivity

Related to contained substances:
sodium carbonate:
Stable under normal conditions of use.
hydroquinone:
Not known
Sodium Hydroxide:
Contact with strong acids may cause violent reactions and explosions.
Potential for exothermic reactions.
Corrosive towards metals.
bis(4-hydroxy-N-methylanilinium) sulphate:
No data available

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Nothing to report

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing

agents.

It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 2.216,2 mg/kg

ATE(mix) dermal = 144.736,8 mg/kg

ATE(mix) inhal = 1.447,4 mg/l/4 h

(a) acute toxicity: bis(4-hydroxy-N-methylanilinium) sulphate: Oral LD50-mouse-565 mg/kg observations: behavior: somnolence (General depressed activity) behavior: shaking the kidney, ureter, bladder: other alterations of the composition of urine

Oral-rat TDLo-9350 mg/kg

Remark: the endocrine system: other Blood abnormalities: abnormalities of the spleen

TDLo Oral-rat-

Remark: the kidney, ureter, bladder: alterations of the tubules (including renal failure, acute tubular necrosis) endocrine system: other alterations

(b) skin corrosion/irritation If brought into contact with the skin, the product causes significant inflammation with erythema, scabs, or edema.

Sodium Hydroxide: The powders are corrosive to digestive mucous membranes, eyes, skin. Ingestion causes burns to the mouth, throat, esophagus, nausea and vomiting, edema risk blackish throat and shock. In cases serious drilling pi gastro-intestinal tract and cardiovascular collapse.

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

hydroquinone: Strong irritant with risk of serious damage to eyes.

bis(4-hydroxy-N-methylanilinium) sulphate: Irritating to eyes, respiratory system and skin.

(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.

hydroquinone: May cause sensitization by skin contact.

bis(4-hydroxy-N-methylanilinium) sulphate: May cause an allergic reaction on the skin.

(e) germ cell mutagenicity: The product is suspected of causing genetic defects

hydroquinone: Muta. 2,

(f) carcinogenicity: The product may pose a risk of carcinogenesis.

hydroquinone: CARC. 2

bis(4-hydroxy-N-methylanilinium) sulphate: IARC: no component of this product present at levels greater than or equal to 0.1%

identified as a known or anticipated carcinogen by IARC.

(g) reproductive toxicity: based on available data, the classification criteria are not met.

(h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met.

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met.

(j) aspiration hazard: based on available data, the classification criteria are not met.

Related to contained substances:

sodium carbonate:

INHALATION RISK: a harmful concentration of areodisperse particles can be reached quickly especially if powdered.

Effects of short-term EXPOSURE: the substance is irritating to eyes, skin and respiratory tract.

Effects of long-term or REPEATED EXPOSURE: the substance may have effects on the respiratory tract, causing perforation of the nasal septum. Repeated or prolonged contact with skin may cause dermatitis.

Acute hazards/symptoms inhalation: cough. Sore throat.

Skin: Redness.

Ingestion: burning sensation in the throat and chest. Abdominal pain.

LD50 (rat) Oral (mg/kg body weight) = 2000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 117

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 5200

hydroquinone:

LD50 (rat) Oral (mg/kg body weight) = 375

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000

Sodium Hydroxide:

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation.

Toxicity to Animals: LD50: Not available. LC50: Not available. Chronic Effects on Humans: Not available.

Other Toxic Effects on Humans:

Extremely hazardous in case of inhalation (lung corrosive).

Very hazardous in case of skin contact (corrosive, irritant, permeator), of eye contact (corrosive), of ingestion, .

Special Remarks on other Toxic Effects on Humans:

Acute Potential Health Effects:

Skin: May be harmful if absorbed through skin. Causes severe skin irritation and burns. May cause deep penetrating ulcers of the skin.

Eyes: Causes severe eye irritation and burns. May cause chemical conjunctivitis and corneal damage.

Inhalation: Harmful if inhaled. Causes severe irritation of the respiratory tract and mucous membranes with coughing, burns, breathing difficulty, and possible coma. Irritation may lead the chemical pneumonitis and pulmonary edema.

Causes chemical burns to the respiratory tract and mucous membranes.

Ingestion: May be fatal if swallowed. May cause severe and permanent damage to the digestive tract. Causes

bis(4-hydroxy-N-methylanilinium) sulphate:

Exposure: the substance can be absorbed into the body by ingestion.

INHALATION RISK: there is no evidence to suggest that it can be reached a dangerous concentration in the air.

Effects of short-term EXPOSURE: the substance is moderately irritating to the skin and it is irritating to eyes and respiratory tract EFFECTS of repeated exposure or repeated or prolonged Contact in the long term: may cause skin sensitization. The substance can have effect on the blood, causing injury to blood cells.

Acute hazards/symptoms INHALATION cough. Sore throat.

SKIN Redness.

EYE Redness. Pain.

NOTE effects on humans from exposure to the substance have not been investigated adequately.

LD50 (rat) Oral (mg/kg body weight) = 9,35

SECTION12. Ecological information

12.1. Toxicity

Related to contained substances:

sodium carbonate:

Fish, *Lepomis macrochirus*, LC 50, 96 H, 300 mg/l

Crustaceans, *Daphnia magna*, EC 50, 48 H, 265 mg/l 50,

algae, *Nitzscheria linearis*, EC 5 Days, 242 mg/l

hydroquinone:

LC-50 (fish, 96 h): 0638 mg/l

EC-50 (daphnide, 48 h): 0134 mg/l

Aquatic invertebrates: NOEC (daphnide, 21 d): 0.0057 mg/l

Toxicity to aquatic plants EC-50 (seaweed, 72 h): 0.33 mg/l

NOEC: (seaweed, 72 h): 0.019 mg/l

Acute toxicity M-factor = 10

Sodium Hydroxide:

Aquatic toxicity

Specification: EC50 (SODIUM HYDROXIDE; Nr. CAS: 1310-73-2)

Parametro: *Daphnia*, *Ceriodaphnia dubia* value = 40.4 mg/l For. test: 48 h

Specification: LC50 (SODIUM HYDROXIDE; Nr. CAS: 1310-73-2)

Parametro: Seafood value =-189 mg/l. test: 96 h

bis(4-hydroxy-N-methylanilinium) sulphate:

No data available

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

Related to contained substances:

sodium carbonate:

Water, hydrolysis, degradation: calcium carbonate (pH > 10)/bicarbonate (pH 6-10)/carbonico/carbon dioxide acid (pH <

6) Ground score: hydrolysis as a function of pH

hydroquinone:

There are no more information.

Sodium Hydroxide:

Instantly hydrolyzes in water with pH, increase in air it neutralizes the atmospheric carbon dioxide.

bis(4-hydroxy-N-methylanilinium) sulphate:

No data available

12.3. Bioaccumulative potential

Related to contained substances:

sodium carbonate:

Result: not applicable (product ionizable inorganic)

hydroquinone:

No data available.

Sodium Hydroxide:

No specific information is available on this product.

bis(4-hydroxy-N-methylanilinium) sulphate:

No data available

12.4. Mobility in soil

Related to contained substances:

sodium carbonate:

Insignificant adsorption

hydroquinone:

No data available. Ecotoxicological effects:

Comments: very toxic to fish.

Further guidance on environmental matters:

Do not enter or ground water, water course or sewage system.

Toxic to fish and plankton.

Very toxic to aquatic organisms

Pericolosità for class 3 waters (D) very dangerous (assessment):

Danger to drinking water if even extremely small quantities leak into soil

Sodium Hydroxide:

The product has potential for very high mobility.

bis(4-hydroxy-N-methylanilinium) sulphate:

No data available

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

Regulation (EC) No 2006/907 - 2004/648

The surfactant (s) contained in this formulation are to comply with (i) the criteria laid down in Regulation EC biodegradability/648/2004 on detergents. All data are kept available to the competent authorities of the Member States and will be provided, at their request or at the request of a manufacturer of the formulation, the above authority.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

SECTION 14. Transport information

14.1. UN number

ADR/RID/IMDG/ICAO-IATA: 1760

ADR exemption because compliance with the following characteristics:

Combination packagings: per inner packaging 5 L per package 30 Kg

Inner packagings placed in shrink-wrapped or stretch-wrapped trays: per inner packaging 5 L per package 20 Kg



14.2. UN proper shipping name

ADR/RID/IMDG: LIQUIDO CORROSIVO, N.A.S. (solfato di bis(4-idrossi-N-metilanilinio), idrochinone, Sodio idrossido)

ADR/RID/IMDG: CORROSIVE LIQUID, N.O.S. (bis(4-hydroxy-N-methylanilinium) sulphate, hydroquinone, Sodium Hydroxide)

ICAO-IATA: CORROSIVE LIQUID, N.O.S. (bis(4-hydroxy-N-methylanilinium) sulphate, hydroquinone, Sodium Hydroxide)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 8

ADR/RID/IMDG/ICAO-IATA: Label : Limited quantities

ADR: Tunnel restriction code : E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 5 L

IMDG - EmS : F-A, S-B

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: III

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous

IMDG: Marine polluting agent : Not

14.6. Special precautions for user

The transport must be carried out by authorised vehicles carrying dangerous goods in accordance with the requirements of the current edition of the agreement A.D.R. applicable national provisions.

The transport must be carried out in the original packaging and in packages that are made from materials resistant to the content and not likely to generate with this dangerous reactions. Employees to the loading and unloading of dangerous goods have received proper training on the risks presented by prepared and on possible procedures to be taken in the event of emergency situations

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION15. Regulatory information

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

Legislative Decree. 02/03/1997 n. 52 (Classification, packaging and labeling of dangerous substances). Legislative Decree 14/03/2003 n. 65 (Classification, packaging and labeling of dangerous substances). Legislative Decree. 02/02/2002 n. 25 (Risks related to chemical agents at work). D.M. 26/02/2004 Work (Exposure Limits Professional); D.M. 03/04/2007 (Implementation of Directive n. 2006/8 / EC). Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) 790 / 2009.D.Lgs. September 21, 2005 n. 238 (Seveso Ter).

REGULATION (EU) No 1357/2014 - waste:

HP4 - Irritant — skin irritation and eye damage

HP7 - Carcinogenic

HP11 - Mutagenic

HP14 - Ecotoxic

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION16. Other information

16.1. Other information

Points modified compared to previous release: 1.2. Relevant identified uses of the substance or mixture and uses

advised against, 2.1. Classification of the substance or mixture, 2.2. Label elements, 2.3. Other hazards, 4.1. Description of first aid measures, 7.1. Precautions for safe handling, 8.1. Control parameters, 8.2. Exposure controls, 10.1. Reactivity, 10.5. Incompatible materials, 10.6. Hazardous decomposition products, 11.1. Information on toxicological effects, 12.1. Toxicity, 12.2. Persistence and degradability, 12.3. Bioaccumulative potential, 12.4. Mobility in soil, 12.6. Other adverse effects, 13.1. Waste treatment methods, 14.1. UN number, 14.2. UN proper shipping name, 14.3. Transport hazard class(es), 14.4. Packing group, 14.5. Environmental hazards, 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Description of the hazard statements exposed to point 3

H319 = Causes serious eye irritation.

H302 = Harmful if swallowed.

H317 = May cause an allergic skin reaction.

H318 = Causes serious eye damage.

H341 = Suspected of causing genetic defects

H351 = Suspected of causing cancer .

H400 = Very toxic to aquatic life.

H290 = May be corrosive to metals.

H314 = Causes severe skin burns and eye damage.

H373 = May cause damage to organs through prolonged or repeated exposure

H410 = Very toxic to aquatic life with long lasting effects.

Classification based on data of all mixture components

Main normative references:

Directive 1999/45/EC

Directive 2001/60/EC

Regulation 1272/2008/EC

Regulation 2010/453/EC

Regolamento 529/2012 and subsequent updates

This data sheet cancels and replaces any previous edition.
