SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product code : SVILUPPO DIGITALE 35° C PARTE A DIGID1-D10-DIGID20-DIGID50-KIT35RA4 PRT A
Trades code : DIGI CD 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 ar- ticles (multistage and/or significant con- tact)[PROC5]
Uses advised against
Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

BELLINI FOTO S.r.l.
VIA FERRIERA, 68 - 06089 - TORGIANO - PERUGIA
ITALY
Tel +39 075 985 174 Fax +39 075 985 288

E-mail:info@bellinifoto.it - Web: www.bellinifoto.it
E-mail technical assistance: enrico.pompili@bellinifoto.it

Produced by
BELLINI FOTO S.r.L.
Via Ferriera, 68 06089 TORGIANO - PG - ITALY Tel. +39 075 985174

1.4. Emergency telephone number

Bellini Foto S.r.l. (PG) - Tel . +39 075 985 174

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:
Pictograms:
GHS05, GHS07, GHS09
Hazard Class and Category Code(s):
Skin Corr. 1, Skin Sens. 1B, Eye Dam. 1, Aquatic Chronic 2
Hazard statement Code(s):
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H318 - Causes serious eye damage.
H411 - Toxic to aquatic life with long lasting effects.
Corrosive product: causes severe skin burns and eye damage.
The product, if brought into contact with skin can cause skin sensitization.
If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.
The product is dangerous to the environment as it is toxic to aquatic life with long lasting effects

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:
Pictogram, Signal Word Code(s):
GHS05, GHS07, GHS09 - Danger
Hazard statement Code(s):
H314 - Causes severe skin burns and eye damage.
H317 - May cause an allergic skin reaction.
H411 - Toxic to aquatic life with long lasting effects.
Supplemental Hazard statement Code(s):
not applicable
Precautionary statements:
Prevention
P280 - Wear protective gloves protective clothing eye protection face protection.
Response
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
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 doctor if symptoms persist
Contains:
Sodium Hydroxide, 4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate

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.

SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACh
4-(N-ethyl-N-2-methanesulphonyl aminoethyl)-2-methylphenylenedi amine sesquisulphate monohydrate	>= 5 < 10%	Acute Tox. 3, H301; Acute Tox. 4, H302; Skin Sens. 1, H317; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410	612-134-00-2	25646-71-3	247-161-5	05-2116791 934-28-000 0
Sodium Hydroxide	>= 5 < 10%	Met. Corr. 1, H290; Skin Corr. 1A, H314	011-002-00-6	1310-73-2	215-185-5	01-2119457 892-27
N,N-diethylhydroxylamine 85 %	>= 1 < 5%	Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335; Aquatic Chronic 2,	ND	3710-84-7	223-055-4	01-2119962 470-39

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACh
		H411				

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.
In case of contact with skin, wash immediately with water.
Consult a physician immediately
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:
Drink water with egg white; do not give bicarbonate.
Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

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 skin irritation or rash occurs: Get medical advice/attention.
Immediately call a doctor if symptoms persist

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.
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)

Public domain (administration, education, entertainment, services, craftsmen):
Photographic and cinematographic treatment

SECTION8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
Not established
Sodium Hydroxide:
TLV: 2 mg/m³ (valore Ceiling) (ACGIH 2004).

N,N-diethylhydroxylamine 85 %:
Avoid direct contact with the product. Do not breathe vapours. Immediately remove contaminated clothing and wash immediately.
- Substance: 4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate
DNEL
Systemic effects Long term Workers inhalation = 0,822 (mg/m3)
Systemic effects Long term Workers dermal = 2,33 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 0,145 (mg/m3)
Systemic effects Long term Consumers dermal = 0,0833 (mg/kg bw/day)
Systemic effects Long term Consumers oral = 0,0833 (mg/kg bw/day)
PNEC
Sweet water = 0,0004 (mg/l)
sediment Sweet water = 0,00144 (mg/kg/sediment)
Sea water = 0,0004 (mg/l)
sediment Sea water = 0,000144 (mg/kg/sediment)
intermittent emissions = 0,004 (mg/l)
STP = 0,77 (mg/l)
ground = 0,000053 (mg/kg ground)
- Substance: N,N-diethylhydroxylamine 85 %
DNEL
Systemic effects Long term Workers inhalation = 3,65 (mg/m3)
Systemic effects Long term Workers dermal = 0,26 (mg/kg bw/day)
Systemic effects Long term Consumers inhalation = 0,65 (mg/m3)
Systemic effects Long term Consumers oral = 0,13 (mg/kg bw/day)
Systemic effects Short term Workers inhalation = 45,6 (mg/m3)
Systemic effects Short term Workers dermal = 4,7 (mg/kg bw/day)
Local effects Long term Workers inhalation = 2,92
Local effects Short term Workers inhalation = 8,76 (mg/m3)
PNEC
Sweet water = 0,0082 (mg/l)
sediment Sweet water = 0,0652 (mg/kg/sediment)
Sea water = 0,00082 (mg/l)
sediment Sea water = 0,00652 (mg/kg/sediment)
intermittent emissions = 0,082 (mg/l)
STP = 10 (mg/l)

8.2. Exposure controls

Appropriate engineering controls:
Public domain (administration, education, entertainment, services, craftsmen):
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:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
Individual protective equipment:
General protective and hygienic measures keep away from foodstuffs, beverages and feed. Immediately remove

contaminated clothing.
Wash hands before breaks and after work. Do not inhale gases/fumes/aerosols. Avoid contact with eyes and skin.
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).
N,N-diethylhydroxylamine 85 %:
Handle in accordance with good industrial hygiene practices and proper security. Wash hands before breaks and at the end of the workday.

SECTION9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	Liquid	
Odour	No aplicable	
Odour threshold	Irrilevant	
pH	13.4 ± 0.10	pH METRO
Melting point/freezing point	Irrilevant	
Initial boiling point and boiling range	Irrilevant	
Flash point	non flammable	ASTM D92
Evaporation rate	No aplicable	
Flammability (solid, gas)	Irrilevant	
Upper/lower flammability or explosive limits	Irrilevant	
Vapour pressure	Irrilevant	
Vapour density	Irrilevant	
Relative density	1.06 ± 0.10 a 27 °C	
Solubility	in water	
Water solubility	Complete	
Partition coefficient: n-octanol/water	Irrilevant	
Auto-ignition temperature	Irrilevant	
Decomposition temperature	not determined	
Viscosity	No aplicable	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

9.2. Other information

No data available.

SECTION10. Stability and reactivity

10.1. Reactivity

Related to contained substances:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:

No data available
Sodium Hydroxide:
Contact with strong acids may cause violent reactions and explosions.
Potential for exothermic reactions.
Corrosive towards metals.
N,N-diethylhydroxylamine 85 %:
There are no particular dangers of reaction with other substances in normal operating conditions

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

Related to contained substances:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
Heat, flames, sparks and other sources of ignition.
Sodium Hydroxide:
Do not expose the product to high temperatures. Protect from light. Avoid moisture.
N,N-diethylhydroxylamine 85 %:
Avoid the accumulation of dust in the environment. Strong heat treatments

10.5. Incompatible materials

It can generate inflammable gases to contact with halogenated organic substances, elementary metals.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 2.814,8 mg/kg
ATE(mix) dermal = 47.794,1 mg/kg
ATE(mix) inhal = 115,4 mg/l/4 h
(a) acute toxicity: based on available data, the classification criteria are not met.
(b) skin corrosion/irritationCorrosive product: causes severe skin burns and eye damage.
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.
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate: Irritating to the skin: moderate (repeated application on the skin)
(c) serious eye damage/irritation: Corrosive product: causes severe skin burns and eye damage. - If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate: Contact with the eyes causes irritation.
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate: Irritating to eyes (eyes unwashed): moderate
Irritating to eyes (eyes washed): light
(d) respiratory or skin sensitization: The product, if brought into contact with skin can cause skin sensitization.
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate: Repeated or

prolonged contact with skin may cause sensitization.
(e) germ cell mutagenicity: based on available data, the classification criteria are not met.
(f) carcinogenicity: 4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate: No information available.
(g) reproductive toxicity: 4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate: No information available.
(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 exposurebased on available data, the classification criteria are not met.
(j) aspiration hazard: 4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate: No information available.
Related to contained substances:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
LD50 (rat) Oral (mg/kg body weight) = 152
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
N,N-diethylhydroxylamine 85 %:
LD50 oral, rat-2,190 mg/kg
LC50 Inhalation-rat-4:0-3140 ppm
Dermal LD50-rabbit-1,300 mg/kg
LD50 (rat) Oral (mg/kg body weight) = 2190
LD50 Dermal (rat or rabbit) (mg/kg body weight) = 1300
CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 3,14

SECTION12. Ecological information

12.1. Toxicity

Related to contained substances:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
Toxic to fish (Lc50): 1.8 mg/l (exposure time: 96 h) Toxic for Daphnia (EC50): 3.2 mg/l (exposure time: 96 h) Toxic for Daphnia (NOEC): 1 mg/l (exposure time: 96 h) Toxic to other organisms. (EC50): 100 mg/l > (mud)
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
N,N-diethylhydroxylamine 85 %:
Fish 96 h LC50 130 mg / l
Daphnia EC50 48 h 111 mg / l
The product is dangerous for the environment as it is toxic to 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:

4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
Not readily biodegradable.
Sodium Hydroxide:
Instantly hydrolyzes in water with pH, increase in air it neutralizes the atmospheric carbon dioxide.
N,N-diethylhydroxylamine 85 %:
Not readily biodegradable.

12.3. Bioaccumulative potential

Related to contained substances:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
There are no more information.
Sodium Hydroxide:
No specific information is available on this product.
N,N-diethylhydroxylamine 85 %:
Product not bioaccumulative

12.4. Mobility in soil

Related to contained substances:
4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate:
There are no more information.
Sodium Hydroxide:
The product has potential for very high mobility.
N,N-diethylhydroxylamine 85 %:
Water soluble and mobile in soil

12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

12.6. Other adverse effects

No adverse effects

SECTION13. 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. Operate according to local or national regulations

SECTION14. 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 skrink-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. (N,N-diethylhydroxylamine 85 %, Sodio idrossido, sesquisulfato monoidrato di 4-(N-etil-N-2-metanosolfonilaminoetil)-2-metilfenilendiamina)
ADR/RID/IMDG: CORROSIVE LIQUID, N.O.S. (N,N-diethylhydroxylamine 85 %, Sodium Hydroxide, 4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate)
ICAO-IATA: CORROSIVE LIQUID, N.O.S. (N,N-diethylhydroxylamine 85 %, Sodium Hydroxide, 4-(N-ethyl-N-2-methanesulphonylaminoethyl)-2-methylphenylenediamine sesquisulphate monohydrate)

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 environmentally hazardous
IMDG: Marine polluting agent : Yes

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).
Seveso category:
E2 - ENVIRONMENTAL HAZARDS
REGULATION (EU) No 1357/2014 - waste:
HP8 - Corrosive
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, 3.2 Mixtures, 4.1. Description of first aid measures, 4.2. Most important symptoms and effects, both acute and delayed, 4.3. Indication of any immediate medical attention and special treatment needed, 5.1. Extinguishing media, 5.2. Special hazards arising from the substance or mixture, 5.3. Advice for firefighters, 6.1. Personal precautions, protective equipment and emergency procedures, 6.2. Environmental precautions, 6.3. Methods and material for containment and cleaning up,

6.4. Reference to other sections, 7.1. Precautions for safe handling, 7.2. Conditions for safe storage, including any incompatibilities, 8.1. Control parameters, 8.2. Exposure controls, 9.2. Other information, 10.1. Reactivity, 10.2. Chemical stability, 10.3. Possibility of hazardous reactions, 10.4. Conditions to avoid, 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, 12.5. Results of PBT and vPvB assessment, 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, 14.6. Special precautions for user, 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code, 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture, 15.2. Chemical safety assessment

Description of the hazard statements exposed to point 3

H301 = Toxic if swallowed.
H302 = Harmful if swallowed.
H317 = May cause an allergic skin reaction.
H318 = Causes serious eye damage.
H400 = Very toxic to aquatic life.
H410 = Very toxic to aquatic life with long lasting effects.
H290 = May be corrosive to metals.
H314 = Causes severe skin burns and eye damage.
H226 = Flammable liquid and vapour.
H312 = Harmful in contact with skin.
H332 = Harmful if inhaled.
H335 = May cause respiratory irritation.
H411 = 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
Regolamento529/2012 and subsequent updates

This data sheet cancels and replaces any previous edition.