



SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : EASYMIX
Product code : SPIT - EASYMIX.

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

Bi-component system to obtain a final hardened, non-reactive material.

1.3. Details of the supplier of the safety data sheet

Registered company name : SPIT.
Address : 150, route de Lyon.26500.BOURG LES VALENCE.France.
Telephone : 0 810 102 102. Fax : 0 810 432 432.
Email : msds-reach@spit.com
<http://www.spit.fr>

1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Acute oral toxicity, Category 4 (Acute Tox. 4, H302).
Eye irritation, Category 2 (Eye Irrit. 2, H319).
Skin sensitisation, Category 1B (Skin Sens. 1B, H317).
Reproductive toxicity, Category 2 (Repr. 2, H361).
Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).
Hazardous to the aquatic environment - Chronic hazard, Category 1 (Aquatic Chronic 1, H410).
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

GHS08

GHS09

Signal Word :

WARNING

Product identifiers :

EC 218-218-1	TETRAMETHYLENE DIMETHACRYLATE
EC 202-327-6	DIBENZOYL PEROXIDE
EC 201-545-9	DICYCLOHEXYL PHTHALATE
EC 254-075-1	1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL

Hazard statements :

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.

H410	Very toxic to aquatic life with long lasting effects.
Precautionary statements - Prevention :	
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing mist/vapours.
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements - Response :	
P301 + P312	IF SWALLOWED: Call a POISON CENTER/doctor/if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of water.
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 + P313	IF exposed or concerned: Get medical advice/attention.
P330	Rinse mouth.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
Precautionary statements - Disposal :	
P501	Dispose of contents/container at a disposal facility in accordance with local regulations.

2.3. Other hazards

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) $\geq 0.1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>
The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(EC) 1272/2008	Note	%
CAS: 2082-81-7 EC: 218-218-1 REACH: 01-2119967415-30	GHS07 Wng Skin Sens. 1B, H317		10 \leq x % < 25
TETRAMETHYLENE DIMETHACRYLATE			
CAS: 94-36-0 EC: 202-327-6 REACH: 01-2119511472-50	GHS07, GHS09, GHS01, GHS02 Dgr Self-react. B, H241 Skin Sens. 1, H317 Eye Irrit. 2, H319 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 10	[1]	2.5 \leq x % < 10
DIBENZOYL PEROXIDE			
CAS: 84-61-7 EC: 201-545-9 REACH: 01-2119978223-34	GHS08, GHS07 Wng Skin Sens. 1, H317 Repr. 2, H361fd Aquatic Chronic 3, H412	[1] [2]	2.5 \leq x % < 10
DICYCLOHEXYL PHTHALATE			
CAS: 38668-48-3 EC: 254-075-1 REACH: 01-2119980937-17	GHS06, GHS05 Dgr Acute Tox. 2, H300 Eye Dam. 1, H318 Aquatic Chronic 3, H412		1 \leq x % < 2.5
1,1'-(P-TOLYLIMINO)DIPROPAN-2-O L			

(Full text of H-phrases: see section 16)

Information on ingredients :

- [1] Substance for which maximum workplace exposure limits are available.
[2] Carcinogenic, mutagenic or reprotoxic (CMR) substance.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of exposure by inhalation :

If inhaled, move the patient into the fresh air and keep warm and at rest.

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of splashes or contact with skin :

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital.

In the event of swallowing :

Do not give the patient anything orally.

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water, administer activated medical charcoal and consult a doctor.

Seek medical attention immediately, showing the label.

If swallowed accidentally, call a doctor to ascertain whether observation and hospital care will be necessary. Show the label.

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

No data available.

SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable methods of extinction

In the event of a fire, use :

- sprayed water or water mist
- foam
- powder
- carbon dioxide (CO₂)

Unsuitable methods of extinction

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Due to the toxicity of the gas emitted on thermal decomposition of the products, fire-fighting personnel are to be equipped with autonomous insulating breathing apparatus.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

Avoid exposure to pregnant women and warn women of child-bearing age of the possible risks

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid skin and eye contact with this mixture.

Avoid exposure - obtain special instructions before use.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Storage

Keep away from food and drink, including those for animals.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Occupational exposure limits :**

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
94-36-0	5 mg/m ³			A4	

- Germany - AGW (BAuA - TRGS 900, 29/01/2018) :

CAS	VME :	VME :	Excess	Notes
94-36-0		5 E mg/m ³		1(I)

- Belgium (Arrêté du 09/03/2014, 2014) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
94-36-0	5 mg/m ³				

- France (INRS - ED984 :2016) :

CAS	VME-ppm :	VME-mg/m ³ :	VLE-ppm :	VLE-mg/m ³ :	Notes :	TMP No :
94-36-0	-	5	-	-	-	-

- Switzerland (SUVAPRO 2017) :

CAS	VME	VLE	Valeur plafond	Notations
94-36-0	5 i mg/m ³	5 i mg/m ³		

- UK / WEL (Workplace exposure limits, EH40/2005, 2011) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
94-36-0	- ppm 5 mg/m ³	- ppm - mg/m ³			
84-61-7	- ppm 5 mg/m ³	- ppm - mg/m ³			

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

DICYCLOHEXYL PHTHALATE (CAS: 84-61-7)

Final use:

Exposure method:

Workers.

Dermal contact.

Potential health effects: Short term systemic effects.
DNEL : 0.5 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 0.5 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Short term systemic effects.
DNEL : 35.2 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 35.2 mg of substance/m3

Final use: **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 0.25 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 0.25 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Short term systemic effects.
DNEL : 0.87 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 0.87 mg of substance/m3

DIBENZOYL PEROXIDE (CAS: 94-36-0)

Final use: **Workers.**
Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 6.6 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 11.75 mg of substance/m3

Final use: **Consumers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 1.65 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 3.3 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 2.9 mg of substance/m3

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Final use: **Workers.**
Exposure method: Ingestion.
Potential health effects: Long term systemic effects.
DNEL : 2.5 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 4.2 mg/kg body weight/day

Exposure method: Dermal contact.
Potential health effects: Long term systemic effects.
DNEL : 2.5 mg/kg body weight/day

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 14.5 mg of substance/m3

Exposure method: Inhalation.
Potential health effects: Long term systemic effects.
DNEL : 4.3 mg of substance/m3

Predicted no effect concentration (PNEC):

DICYCLOHEXYL PHTHALATE (CAS: 84-61-7)

Environmental compartment: Soil.
PNEC : 0.21 mg/kg

Environmental compartment: Fresh water.
PNEC : 0.00362 mg/l

Environmental compartment: Sea water.
PNEC : 0.000362 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 0.0326 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 1.06 mg/kg

Environmental compartment: Marine sediment.
PNEC : 0.106 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 10 mg/l

DIBENZOYL PEROXIDE (CAS: 94-36-0)

Environmental compartment: Soil.
PNEC : 0.0758 mg/l

Environmental compartment: Fresh water.
PNEC : 0.000602 mg/l

Environmental compartment: Sea water.
PNEC : 0.0000602 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 0.000602 mg/l

Environmental compartment: Waste water treatment plant.
PNEC : 0.35 mg/l

Environmental compartment: Fresh water predators (oral).
PNEC : 0.338

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Environmental compartment: Soil.
PNEC : 0.573 mg/kg

Environmental compartment: Fresh water.
PNEC : 0.087 mg/l

Environmental compartment: Sea water.

PNEC :	0.0087 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	3.12 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.312 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	20 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard EN166.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Butyl Rubber (Isobutylene-isoprene copolymer)

- Neoprene® (Polychloroprene)

Recommended properties :

- Impervious gloves in accordance with standard EN374

- Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact.

In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

- Respiratory protection

Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387 :

- A

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information :

Physical state :	Paste.
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Important health, safety and environmental information

pH :	Not relevant.
Flash point interval :	Not relevant.

Vapour pressure (50°C) :	Not relevant.
Density :	> 1
Water solubility :	Insoluble.

9.2. Other information

No data available.

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

No data available.

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid :

- heat
- flames and hot surfaces
- sparks

10.5. Incompatible materials

Keep away from :

- acids
- bases
- metals

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Harmful if swallowed.

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

May cause an allergic reaction by skin contact.

Suspected human reproductive toxicant.

Suspected of damaging fertility and the unborn child.

11.1.1. Substances**Acute toxicity :**

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Oral route : 25 < LD50 <= 50 mg/kg

Dermal route : 2,000 < LD50 <= 5000 mg/kg
Species : Rat

Inhalation route (n/a) : LC50 = 27.5 mg/l
Species : Rat
Duration of exposure : 4 h

DIBENZOYL PEROXIDE (CAS: 94-36-0)

Oral route : LD50 > 5000 mg/kg
Species : Rat

Inhalation route (n/a) : LC50 > 24.3 mg/l
Species : Rat
Duration of exposure : 4 h

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Oral route : LD50 > 5000 mg/kg
Species : Rat

Dermal route : LD50 > 3000 mg/kg
Species : Rabbit

11.1.2. Mixture

No toxicological data available for the mixture.

Monograph(s) from the IARC (International Agency for Research on Cancer) :

CAS 94-36-0 : IARC Group 3 : The agent is not classifiable as to its carcinogenicity to humans.

SECTION 12 : ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Fish toxicity : LC50 = 17 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 28.8 mg/l
Duration of exposure : 48 h

Algae toxicity : ECr50 = 245 mg/l
Species : *Desmodesmus subspicatus*
Duration of exposure : 72 h

DIBENZOYL PEROXIDE (CAS: 94-36-0)

Fish toxicity : LC50 = 0.06 mg/l
Factor M = 10
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 0.11 mg/l
Factor M = 1
Species : *Daphnia magna*
Duration of exposure : 48 h

EC10 mg/l
Factor M = 10
Species : *Daphnia magna*
Duration of exposure : 21 days
OECD Guideline 211 (*Daphnia magna* Reproduction Test)

Algae toxicity : ECr50 = 0.06 mg/l
Factor M = 10
Duration of exposure : 72 h

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Fish toxicity : LC50 = 32.5 mg/l
Duration of exposure : 48 h

NOEC > 1 mg/l

Crustacean toxicity : EC50 = 22.1 mg/l

EC10 mg/l
Duration of exposure : 21 days

NOEC = 5.09 mg/l
Duration of exposure : 21 days

Algae toxicity : ECr50 = 9.79 mg/l
Duration of exposure : 72 h

EC10 mg/l

Duration of exposure : 72 h

NOEC = 2.11 mg/l

Duration of exposure : 72 h

12.1.2. Mixtures

No aquatic toxicity data available for the mixture.

12.2. Persistence and degradability**12.2.1. Substances**

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Biodegradability : Non-rapidly degradable.

DIBENZOYL PEROXIDE (CAS: 94-36-0)

Biodegradability : Rapidly degradable.

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential**12.3.1. Substances**

DIBENZOYL PEROXIDE (CAS: 94-36-0)

Bioaccumulation : BCF = 66.6

1,1'-(P-TOLYLIMINO)DIPROPAN-2-OL (CAS: 38668-48-3)

Octanol/water partition coefficient : log K_{ow} = 2.1

TETRAMETHYLENE DIMETHACRYLATE (CAS: 2082-81-7)

Octanol/water partition coefficient : log K_{ow} = 3.1**12.4. Mobility in soil**

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, VwVwS vom 27/07/2005, KBws) :

WGK 3 : Extremely hazardous for water.

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2017 - IMDG 2016 - ICAO/IATA 2017).

14.1. UN number

3082

14.2. UN proper shipping name

UN3082=ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.

(dibenzoyl peroxide)

14.3. Transport hazard class(es)

- Classification :



9

14.4. Packing group

III

14.5. Environmental hazards

- Environmentally hazardous material :

**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	9	M6	III	9	90	5 L	274 335 375 601	E1	3	-

*Not subject to this regulation if Q ≤ 5 l / 5 kg (ADR 3.3.1 - DS 375)

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ
	9	-	III	5 L	F-A,S-F	274 335 969	E1

*Not subject to this regulation if Q ≤ 5 l / 5 kg (IMDG 3.3.1 - 2.10.2.7)

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	9	-	III	964	450 L	964	450 L	A97 A158 A197	E1
	9	-	III	Y964	30 kg G	-	-	A97 A158 A197	E1

*Not subject to this regulation if Q ≤ 5 l / 5 kg (IATA 4.4.4 - DS A197)

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2016/1179. (ATP 9)

- Container information:

No data available.

- Particular provisions :

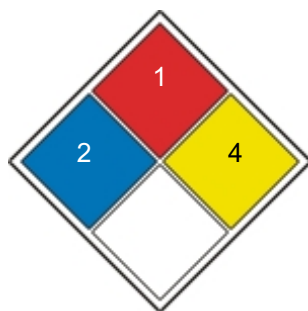
No data available.

- German regulations concerning the classification of hazards for water (WGK, VwVwS vom 27/07/2005, KBws) :

WGK 3 : Extremely hazardous for water.

- Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=2 Inflammability=1 Instability/Reactivity=4 Specific Risk=none



15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H241	Heating may cause a fire or explosion.
H300	Fatal if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
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.

Abbreviations :

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

CMR: Carcinogenic, mutagenic or reprotoxic.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

WGK : Wassergefährdungsklasse (Water Hazard Class).

GHS07 : Exclamation mark

GHS08 : Health hazard

GHS09 : Environment

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.