according to Regulation (EC) No. 1907/2006



HARDENER POLYESTER

| Version | Revision Date: | SDS Number: |
|---------|----------------|-------------|
| 1.1 | 24.01.2018 | S00016 |
| | | |

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

1.1 Product identifier

on use

Trade name : HARDENER POLYESTER

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

only.

| Use of the Substance/Mixture | : | Curing chemical |
|---------------------------------|---|---|
| Recommended restrictions | : | For use in industrial installations or professional treatment |

1.3 Details of the supplier of the safety data sheet

| Company | : | Roberlo s.a. Ctra. Nacional II, Km. 706,5 17457 Riudellots de la Selva Spain |
|--|---|---|
| Telephone | : | +34972478060 |
| Telefax | : | +34972477394 |
| E-mail address of person responsible for the SDS | : | msds@roberlo.com |

1.4 Emergency telephone number

+34 972 478060 (8:00-12:45 / 14:15-17:30 h) ROBERLO (Spain) (GMT + 1:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

| Organic peroxides, Type E | H242: Heating may cause a fire. |
|--------------------------------------|---|
| Eye irritation, Category 2 | H319: Causes serious eye irritation. |
| Skin sensitisation, Category 1 | H317: May cause an allergic skin reaction. |
| Acute aquatic toxicity, Category 1 | H400: Very toxic to aquatic life. |
| Chronic aquatic toxicity, Category 1 | H410: Very toxic to aquatic life with long lasting effects. |

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

according to Regulation (EC) No. 1907/2006

HARDENER POLYESTER



| Version 1.1 | Revision Da 24.01.2018 | te: | SDS Number: S00016 |
|----------------|---------------------------|-----|---|
| Hazard pic | tograms | : | |
| Signal wor | d | : | Warning |
| Hazard sta | tements | : | H242 Heating may cause a fire. H319 Causes serious eye irritation. H317 May cause an allergic skin reaction. H410 Very toxic to aquatic life with long lasting effects. |
| Precaution | ary statements | : | P101 If medical advice is needed, have product container or label at hand.P102 Keep out of reach of children. |
| | | | Prevention: P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. |
| | | | Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. |
| | | | Storage: P411 + P235 Store at temperatures not exceeding 30°C / 86°F. Keep cool. |
| | | | Disposal: P501 Dispose of contents/ container to an approved waste disposal plant. |

Hazardous components which must be listed on the label: dibenzoyl peroxide

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Organic Peroxides, Solid

Hazardous components

| CAS-No. EC-No. Index-No. | Classification | Concentration (% w/w) |
|--------------------------------|----------------|--------------------------|
| Index-INO. | | |

according to Regulation (EC) No. 1907/2006



HARDENER POLYESTER

Version 1.1

Revision Date: 24.01.2018

SDS Number: S00016

| | Registration number | | |
|------------------------|---|---|--------------|
| dibenzoyl peroxide | 94-36-0 202-327-6 617-008-00-0 01-2119511472-50 | Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 | >= 45 - < 52 |
| ethane-1,2-diol | 107-21-1 203-473-3 603-027-00-1 01-2119456816-28 | Acute Tox. 4; H302 STOT RE 2; H373 | >= 5 - < 9.9 |
| oxydipropyl dibenzoate | 27138-31-4 248-258-5 01-2119529241-49 | Aquatic Chronic 3; H412 | >= 1 - < 2.5 |

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

| General advice : | No hazards which require special first aid measures. |
|---------------------------|---|
| If inhaled : | Move to fresh air. Consult a physician after significant exposure. |
| | Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician. |
| In case of skin contact : | Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician. |
| | Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. |
| In case of eye contact : | Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist. |
| | Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. |
| If swallowed : | Do NOT induce vomiting. Obtain medical attention. |

4.2 Most important symptoms and effects, both acute and delayed

| Symptoms | : Skin contact may provoke the following symptoms: |
|----------|--|
| | Redness |
| | Ingestion may provoke the following symptoms: |



HARDENER POLYESTER

| Version 1.1 | Revision Date 24.01.2018 | e: | SDS Number: S00016 | | |
|------------------------------|-----------------------------|-----|---|--|--|
| | | | Local irritation | | |
| 4.3 Indication | of any immediate r | nec | dical attention and special treatment needed | | |
| Treatment | | : | No information available. | | |
| SECTION 5: F | Firefighting meas | sur | es | | |
| 5.1 Extinguishi | ing media | | | | |
| Suitable ex | tinguishing media | : | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. | | |
| 5.2 Special haz | zards arising from | the | e substance or mixture | | |
| Hazardous products | combustion | : | : Carbon dioxide (CO2) Carbon monoxide Benzoic acid Benzene Biphenyls Phenylbenzoate | | |
| 5.3 Advice for | firefighters | | | | |
| Special pro for firefight | otective equipment ers | : | In the event of fire, wear self-contained breathing apparatus. | | |
| Further info | ormation | : | Standard procedure for chemical fires. | | |

6.1 Personal precautions, protective equipment and emergency procedures

| Personal precautions | : | Use personal protective equipment. Ensure adequate ventilation. Evacuate personnel to safe areas. |
|----------------------|---|---|
|----------------------|---|---|

6.2 Environmental precautions

| Environmental precautions | : | Do not let product enter drains. |
|---------------------------|---|----------------------------------|
|---------------------------|---|----------------------------------|

6.3 Methods and material for containment and cleaning up

| Methods for cleaning up | : | Large spills should be collected mechanically (remove by |
|-------------------------|---|--|
| | | pumping) for disposal. |
| | | Ventilate the area. |

6.4 Reference to other sections

For contact information in case of emergency, see section 1. For information on safe handling, see section 7. For exposure controls and personal protection measures, see section 8. For subsequent waste disposal, follow the recommendations in section 13.

according to Regulation (EC) No. 1907/2006



HARDENER POLYESTER

| Version | Revision Date: | SDS Number: |
|---------|----------------|-------------|
| 1.1 | 24.01.2018 | S00016 |

SECTION 7: Handling and storage

7.1 Precautions for safe handling

| Advice on safe handling | : | Use only in area provided with appropriate exhaust ventilation. Keep away from heat. Avoid exceeding the given occupational exposure limits (see section 8). Avoid contact with skin and eyes. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. |
|---|---|---|
| Advice on protection against fire and explosion | : | Avoid shock and friction. Keep away from sources of ignition - No smoking. Keep away from combustible material. |
| Hygiene measures | : | Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. |

7.2 Conditions for safe storage, including any incompatibilities

| | Requirements for storage areas and containers | : | Keep container tightly closed in a dry and well-ventilated place. |
|--------|---|---|--|
| | Advice on common storage | : | Do not store near acids. Reducing agents Heavy metals |
| | Storage period | : | 12 Months |
| | Further information on storage stability | : | No decomposition if stored and applied as directed. |
| 7.3 \$ | Specific end use(s) | | |
| | Specific use(s) | : | For the use of this product do not exist particular recommendations apart from that already indicated. |

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

| Components | CAS-No. | Value type (Form | Control parameters | Basis | | |
|---------------------|---|------------------|--------------------|---------|--|--|
| | | of exposure) | | | | |
| dibenzoyl peroxide | 94-36-0 | TWA | 5 mg/m3 | GB EH40 | | |
| Further information | Where no specific short-term exposure limit is listed, a figure three times the | | | | | |
| | long-term exposure should be used | | | | | |

according to Regulation (EC) No. 1907/2006



HARDENER POLYESTER

| | | vision Date: 01.2018 | | SDS Number: S00016 | |
|--|---------------------|-------------------------|------------------------------|--------------------------------|------------|
| | ethane-1,2-diol | 107-21-1 | STEL | 40 ppm 104 mg/m3 | 2000/39/EC |
| | Further information | Identifies the | possibility of signification | ant uptake through the skin, I | ndicative |
| | | | TWA | 20 ppm | 2000/39/EC |
| | | | | 52 mg/m3 | |
| | Further information | Identifies the | possibility of significa | ant uptake through the skin, I | ndicative |

| | | poooloinity of orgranio | and aptailed an ough and brand, i | naioaanoo | | | |
|---------------------|---|---|-----------------------------------|----------------|--|--|--|
| | | TWA (Vapour) | 20 ppm | GB EH40 | | | |
| | | | 52 mg/m3 | | | | |
| Further information | Can be absor | bed through skin. Th | e assigned substances are t | hose for which | | | |
| | there are cond | cerns that dermal ab | sorption will lead to systemic | toxicity. | | | |
| | | TWA (particles) | 10 mg/m3 | GB EH40 | | | |
| Further information | Can be absorbed through skin. The assigned substances are those for which | | | | | | |
| | there are cond | here are concerns that dermal absorption will lead to systemic toxicity. | | | | | |
| | | STEL (Vapour) | 40 ppm | GB EH40 | | | |
| | | | 104 mg/m3 | | | | |
| Further information | Can be absor | Can be absorbed through skin. The assigned substances are those for which | | | | | |
| | there are cond | there are concerns that dermal absorption will lead to systemic toxicity. | | | | | |

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

| Substance name | End Use | Exposure routes | Potential health effects | Value |
|------------------|---------|-----------------|-------------------------------|-------------|
| benzoyl peroxide | Workers | Inhalation | Long-term systemic effects | 11.75 mg/m3 |
| ethanediol | Workers | Inhalation | Long-term systemic effects | 35 mg/m3 |

8.2 Exposure controls

| Personal protective equipme | Personal protective equipment | | | | | |
|-----------------------------|-------------------------------|--|--|--|--|--|
| Eye protection | : | Safety glasses | | | | |
| Break through time | : | Protective gloves complying with EN 374. > 30 min > 0.14 mm Neoprene gloves | | | | |
| Matarial | | | | | | |
| Material | : | Nitrile rubber | | | | |
| Remarks | : | Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. | | | | |
| Skin and body protection | : | Protective suit | | | | |
| Respiratory protection | : | No personal respiratory protective equipment normally required. | | | | |



HARDENER POLYESTER

| Version | Revision Date: | SDS Number: | |
|---------|----------------|-------------|--|
| 1.1 | 24.01.2018 | S00016 | |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Appearance | : | paste |
|--|---|---|
| Colour | : | red |
| | | white |
| Odour | : | characteristic |
| рН | : | Not applicable |
| Melting point/range | : | not determined |
| Boiling point/boiling range | : | not determined |
| Flash point | : | Not applicable |
| Upper explosion limit / Upper flammability limit | : | not determined |
| Lower explosion limit / Lower flammability limit | : | not determined |
| Vapour pressure | : | not determined |
| Density | : | 1.14 - 1.20 g/cm3 (20 °C) Method: ISO 2811-1 |
| Solubility(ies) Water solubility | : | insoluble |
| Auto-ignition temperature | | not determined |
| Viscosity Viscosity, dynamic | : | not determined |
| Viscosity, kinematic | : | not determined |
| 9.2 Other information Self-Accelerating decomposition temperature (SADT) | : | 50 °C |

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable under recommended storage conditions.

according to Regulation (EC) No. 1907/2006



HARDENER POLYESTER

| Version 1.1 | Revision Date: 24.01.2018 | | SDS Number: S00016 | |
|------------------|---------------------------|---|-----------------------|--|
| 10.2 Chemical s | stability | | | |
| No decomp | osition if stored and a | pplied as directed. | | |
| 10.3 Possibility | of hazardous reacti | ons | | |
| Hazardous | reactions : | Reducing agents Heavy metals Amines Strong acids | | |
| 10.4 Conditions | to avoid | | | |
| Conditions t | to avoid : | Heat, flames and sp | oarks. | |
| 10.5 Incompatib | ble materials | | | |
| Materials to | avoid : | No data available | | |
| 10.6 Hazardous | decomposition pro | ducts | | |
| | decomposition : | Benzoic acid Benzene Biphenyls Phenylbenzoate | | |

SECTION 11: Toxicological information

11.1 Information on toxicological effects

| Acute toxicity | | |
|---------------------------|---|---|
| Product: | | |
| Acute oral toxicity | : | Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method |
| Acute inhalation toxicity | : | Acute toxicity estimate: > 20 mg/l Exposure time: 4 h Test atmosphere: vapour Method: Calculation method |
| Acute dermal toxicity | : | Acute toxicity estimate: > 2,000 mg/kg Method: Calculation method |
| Components: | | |
| dibenzoyl peroxide: | | |
| Acute oral toxicity | : | LD50 Oral (Rat): 7,710 mg/kg Method: OECD Test Guideline 401 |
| Acute inhalation toxicity | : | LC50 (Rat): 24.3 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 403 |

according to Regulation (EC) No. 1907/2006



HARDENER POLYESTER

| Version 1.1 | Revision Da 24.01.2018 | ite: | SDS Number: S00016 |
|--|---|-------|--|
| ethane-1, | 2-diol: | | |
| Acute oral | toxicity | : | Acute toxicity estimate: 500 mg/kg Method: Converted acute toxicity point estimate |
| Acute inha | alation toxicity | : | LC50 (Rat): > 20 mg/l Exposure time: 4 h Test atmosphere: gas Method: OECD Test Guideline 403 |
| Acute derr | mal toxicity | : | LD50 (Rabbit): 9,530 mg/kg Method: OECD Test Guideline 402 |
| oxydiprop | oyl dibenzoate: | | |
| Acute oral | toxicity | : | LD50 Oral (Rat): 5,313 mg/kg Method: OECD Test Guideline 401 |
| Acute derr | mal toxicity | : | LD50 (Rat): > 2,000 mg/kg Method: OECD Test Guideline 402 |
| Skin corr | osion/irritation | | |
| Product: | ye damage/eye ir Severe eye irritatio | | on |
| Respirato | ory or skin sensiti | satic | on |
| Product: | - | | |
| | May cause sensitis | satio | n by inhalation and skin contact. |
| Germ cell | mutagenicity | | |
| <u>Product:</u> Germ cell Assessme | mutagenicity- ent | : | Based on available data, the classification criteria are not met. |
| Carcinog | enicity | | |
| Product: Carcinoge Assessme | | : | Based on available data, the classification criteria are not met. |
| Reproduc | tive toxicity | | |
| Product: | | | |
| Reproduct | tive toxicity - | : | Based on available data, the classification criteria are not met. |
| | | | 9 / 14 |



HARDENER POLYESTER

| Version | Revision Date: | SDS Number: |
|---------|----------------|-------------|
| 1.1 | 24.01.2018 | S00016 |

Assessment

STOT - single exposure

Product:

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

STOT - repeated exposure

Product:

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

Aspiration toxicity

Product:

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

Further information

Product:

Remarks: No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

| Toxicity to fish | : | LC50 (Fish): 0.06 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 |
|---|---|---|
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia (water flea)): 0.11 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |
| Toxicity to algae | : | EC50 (Algae): 0.06 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| ethane-1,2-diol: | | |
| Toxicity to fish | : | LC50 (Fish): 18,500 mg/l Exposure time: 96 h Method: OECD Test Guideline 203 |
| Toxicity to daphnia and other aquatic invertebrates | : | EC50 (Daphnia (water flea)): > 1,000 mg/l Exposure time: 48 h Method: OECD Test Guideline 202 |

according to Regulation (EC) No. 1907/2006





| Version 1.1 | Revision Date: 24.01.2018 | SDS Number: S00016 |
|-------------------------------------|---|--|
| Toxicity to | algae : | EC50 (Algae): 2,000 mg/l Exposure time: 72 h Method: OECD Test Guideline 201 |
| 12.2 Persiste No data a | n ce and degradability wailable | |
| 12.3 Bioaccu No data a | mulative potential wailable | |
| 12.4 Mobility No data a | | |
| 12.5 Results of | of PBT and vPvB asse | essment |
| Product: | | |
| Assessmo | ent : | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher |
| 12.6 Other ad | verse effects | |
| Product: Additiona informatic | l ecological : on | There is no data available for this product. |

SECTION 13: Disposal considerations

| 13.1 Waste treatment methods | | |
|------------------------------|---|--|
| Product | : | Offer surplus and non-recyclable solutions to a licensed disposal company. |
| Contaminated packaging | : | Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal. |

SECTION 14: Transport information

| 14.1 UN number | | |
|------------------------------|---|---|
| IMDG | : | 3108 |
| IATA (Cargo) | : | 3108 |
| 14.2 UN proper shipping name | | |
| ADR | : | |
| IMDG | : | ORGANIC PEROXIDE TYPE E, SOLID (DIBENZOYL PEROXIDE) |
| IATA (Cargo) | : | Organic peroxide type E, solid (Dibenzoyl peroxide) |

according to Regulation (EC) No. 1907/2006



HARDENER POLYESTER

| Version 1.1 | Revision Date: 24.01.2018 | SDS Number: S00016 |
|--|---|---|
| 14.3 Transport ha | azard class(es) | |
| ADR | : | 5.2 |
| IMDG | : | 5.2 |
| IATA (Cargo |) : | 5.2 |
| 14.4 Packing gro | ир | |
| ADR Packing grou Classification Labels | | Not assigned by regulation P1 5.2 |
| IMDG Packing grou Labels EmS Code | p : : | Not assigned by regulation 5.2 F-J, S-R |
| IATA (Cargo Packing instru aircraft) Packing grou Labels | uction (cargo : | 570 Not assigned by regulation Organic Peroxides, Keep Away From Heat |
| 14.5 Environmen | tal hazards | |
| ADR Environmenta | ally hazardous : | yes |
| IMDG Marine polluta | ant : | yes |
| 14.6 Special prec | | |
| • | bulk according to e for product as sup | Annex II of Marpol and the IBC Code |

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

| P6b | | SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES | Quantity 1 50 t | Quantity 2 200 t |
|----------------------------|---|--|--------------------|---------------------|
| E1 | | ENVIRONMENTAL HAZARDS | 100 t | 200 t |
| Volatile organic compounds | : | Not applicable | | |



HARDENER POLYESTER

| Version | Revision Date: | SDS Number: |
|---------|----------------|-------------|
| 1.1 | 24.01.2018 | S00016 |

Other regulations:

The product is classified and labelled in accordance with EC directives or respective national laws.

15.2 Chemical safety assessment

The supplier has not carried out evaluation of chemical safety.

SECTION 16: Other information

Full text of H-Statements

| H241 H302 H317 H319 H373 H400 H410 H412 | · · · · · · · · · · · · · · · · · · · | Heating may cause a fire or explosion. Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. |
|---|---------------------------------------|---|
| Full text of other abbreviatio | ns | Training to aquatio life with long labiling chools. |
| Acute Tox. Aquatic Acute Aquatic Chronic Eye Irrit. Org. Perox. Skin Sens. STOT RE 2000/39/EC GB EH40 2000/39/EC / TWA 2000/39/EC / STEL GB EH40 / TWA GB EH40 / STEL | :: | · · · · · · · · · · · · · · · · · · · |

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; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO -International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO -International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50



HARDENER POLYESTER

| Version | Revision Date: | SDS Number: |
|---------|----------------|-------------|
| 1.1 | 24.01.2018 | S00016 |

- Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Sources of key data used to : http://echa.europa.eu, http://eur-lex.europa.eu compile the Safety Data Sheet

| Classification of the mixture: | | Classification procedure: | |
|--------------------------------|------|---------------------------|--|
| Org. Perox. E | H242 | On basis of test data. | |
| Eye Irrit. 2 | H319 | Calculation method | |
| Skin Sens. 1 | H317 | Calculation method | |
| Aquatic Acute 1 | H400 | Calculation method | |
| Aquatic Chronic 1 | H410 | Calculation method | |

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN