

## Safety Data Sheet

According to U.S.A. Federal Hazcom 2012

### 1. Identification

#### 1.1. Product identifier

Code: **TITANIUM\_CAR\_B**  
Product name: **TITANIUM CARTUCCIA PARTE B**

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

Intended use: **BICOMPONENT GLUE IN CARTRIDGE - PART B**

#### 1.3. Details of the supplier of the safety data sheet

Name: **TENAX SPA**  
Full address: **Via I Maggio, 226**  
District and Country: **37020 Volargne (VR) Italy**  
Tel.: **+39 045 6887593**  
Fax: **+39 045 6862456**  
  
e-mail address of the competent person responsible for the Safety Data Sheet: **msds@tenax.it**  
  
Supplier: **Tenax Usa**  
**7606 Whitehall Executive Center Drive Suite 400, 28273 Charlotte NC, US**  
**Tel. 001 7045831173 - Fax 001 7045833166**  
**info@tenaxusa.com**

#### 1.4. Emergency telephone number

For urgent inquiries refer to: **Infotrac**  
**US and Canada: 1-800-535-5053**  
**Int'l: 1-352-323-3500**  
**info@infotrac.net**

### 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200). The product thus requires a safety datasheet.  
Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

##### Classification and Hazard Statement

Eye irritation, category 2

Skin irritation, category 2

Skin sensitization, category 1

Causes serious eye irritation.

Causes skin irritation.

May cause an allergic skin reaction.

##### Hazard pictograms:



Signal words: **Warning**

##### Hazard statements:

**H319**

Causes serious eye irritation.

**H315**

Causes skin irritation.

**H317**

May cause an allergic skin reaction.

##### Precautionary statements:

##### Prevention:

**P261**

Avoid breathing dust / fume / gas / mist / vapours / spray.

## 2. Hazards identification ... / >>

**P280**

Wear protective gloves / eye protection / face protection.

**P264**

Wash the hands thoroughly after handling.

**P272**

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

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.

**P333+P313**

If skin irritation or rash occurs: Get medical advice / attention.

**P337+P313**

If eye irritation persists: Get medical advice / attention.

**P302+P352**

IF ON SKIN: wash with plenty of water / . . .

**P362+P364**

Take off contaminated clothing and wash it before reuse.

**P363**

Wash contaminated clothing before reuse.

Storage:

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Disposal:

**P501**

Dispose of contents / container according to applicable law.

### 2.2. Other hazards

Environmental classification as for Reg. (EC) 1272/2008 (CLP):

The product is classified as hazardous for environment pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).

Classification and Hazard Statement

Hazardous to the aquatic environment, acute toxicity, category 1

Very toxic to aquatic life.

Hazardous to the aquatic environment, chronic toxicity, category 1

Very toxic to aquatic life with long lasting effects.

Hazard pictograms:



Signal words:

Warning

Hazard statements:

**H400**

Very toxic to aquatic life.

**H410**

Very toxic to aquatic life with long lasting effects.

Precautionary statements:

Prevention:

**P273**

Avoid release to the environment.

Response:

**P391**

Collect spillage.

Storage:

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Disposal:

**P501**

Dispose of contents / container according to applicable law.

Additional hazards

Information not available

## 3. Composition/information on ingredients

### 3.2. Mixtures

Contains:

Identification

x = Conc. %

Classification:

**BIS-[4-(2,3-EPOXI-PROPOXI)PHENYL]PROPANE**

INDEX

603-073-00-2

84 ≤ x < 86

**Eye irritation, category 2 H319, Skin irritation, category 2 H315, Skin sensitization, category 1B H317, Hazardous to the aquatic environment, chronic toxicity, category 2 H411**

EC

216-823-5

CAS

1675-54-3

REACH Reg.

01-2119456619-26

### 3. Composition/information on ingredients ... / >>

#### Benzoyl peroxide

INDEX 617-008-00-0 5 ≤ x < 6

Organic peroxide, type B H241, Eye irritation, category 2 H319, Skin sensitization, category 1 H317, Hazardous to the aquatic environment, acute toxicity, category 1 H400 M=10, Hazardous to the aquatic environment, chronic toxicity, category 1 H410 M=10

EC 202-327-6  
CAS 94-36-0  
REACH Reg. 01-2119511472-50

\* There is a batch to batch variation.

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### 4. First-aid measures

#### 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

Specific information on symptoms and effects caused by the product are unknown.

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

Information not available

### 5. Fire-fighting measures

#### 5.1. Extinguishing media

##### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

##### UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

#### 5.2. Special hazards arising from the substance or mixture

##### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

In case of fire they can be released

Carbon dioxide

Carbon monoxide

Benzoic acid

Benzene

Diphenyl

Fenilbenzoato

#### 5.3. Advice for firefighters

##### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

##### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## 7. Handling and storage

### 7.1. Precautions for safe handling

Ensure that there is an adequate earthing system for the equipment and personnel. Avoid contact with eyes and skin. Do not breathe powders, vapours or mists. Do not eat, drink or smoke during use. Wash hands after use. Avoid leakage of the product into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store in a ventilated and dry place, far away from sources of ignition. Keep containers well sealed. Keep the product in clearly labelled containers. Avoid overheating. Avoid violent blows. Keep containers away from any incompatible materials, see section 10 for details.

Store separately from reducing, heavy metals, acid and alkali alloys

### 7.3. Specific end use(s)

Information not available

## 8. Exposure controls/personal protection

### 8.1. Control parameters

Regulatory References:

USA	NIOSH-REL	NIOSH publication No. 2005-149, 3th printing, 2007.
USA	OSHA-PEL	Occupational Exposure Limits - Limits for Air Contaminants TABLE Z-1-1910.1000.
USA	CAL/OSHA-PEL	California Division of Occupational Safety and Health (Cal-OSHA) Permissible Exposure Limits (PELs).
	TLV-ACGIH	ACGIH 2022

Benzoyl peroxide					
Threshold Limit Value					
Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
TLV-ACGIH	-	5	0	0	0
OSHA	USA	5			
CAL/OSHA	USA	5			
NIOSH	USA	5			

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

## 8. Exposure controls/personal protection ... / >>

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration. Personal protective equipment must comply with current regulations.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (OSHA 29 CFR 1910.138): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear. Wash body with soap and water after removing protective clothing.

#### EYE PROTECTION

Wear airtight protective goggles (OSHA 29 CFR 1910.133).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, wear a mask with a NIOSH certified filter, whose class must be chosen according to the limit of use concentration (NIOSH 42 CFR 84, OSHA 29 CFR 1910.134). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus or external air-intake breathing apparatus. For a correct choice of respiratory protection device, see standard NIOSH 42 CFR 84, OSHA 29 CFR 1910.134.

#### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

**HAND PROTECTION:** Protect hands with work gloves for protection from chemical agents in nitrile or fluoroelastomer (EN 374-1: 2016) at least type B or higher based on the risk assessment carried out by the company. Breakthrough time > 480 minutes.

Material thickness:

#### NITRILE

short contact > 0.38 mm

prolonged contact > 0.55 mm

#### FLUOROELASTOMER

short contact > 0.50 mm

prolonged contact > 1.50 mm

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Properties	Value	Information
Appearance	viscous liquid	
Colour	white	
Odour	characteristic	
Odour threshold	not available	
pH	4-5	
Melting point / freezing point	not available	
Initial boiling point	not available	
Boiling range	not available	
Flash point	not applicable	Remark: Higher than the value of SADT
Evaporation rate	not available	
Flammability	not available	
Lower inflammability limit	not available	
Upper inflammability limit	not available	
Lower explosive limit	not available	
Upper explosive limit	not available	
Vapour pressure	not available	
Vapour density	not available	
Relative density	1.2 g/cm <sup>3</sup>	
Solubility	insoluble in water, soluble in alcohols and ketones	
Partition coefficient: n-octanol/water	not available	
Auto-ignition temperature	not applicable	
Decomposition temperature	not available	Remark: SADT = 50 °C
Viscosity	not available	

### 9. Physical and chemical properties ... / >>

Explosive properties not available  
Oxidising properties not available

#### 9.2. Other information

Information not available

### 10. Stability and reactivity

#### 10.1. Reactivity

Information not available

#### 10.2. Chemical stability

The product is stable if stored in original containers at temperatures lower than the self accelerated decomposition temperature (SADT).

Thermal decomposition / conditions to avoid:

The product does not decompose if handled and stored according to regulations.

Considerable decomposition with self-ignition in case of heating.

SADT = 50 ° C

The SADT (Self accelerating decomposition temperature) is the minimum temperature at which the self-accelerating decomposition of a substance contained in a typical packaging used for product transport will occur.

A dangerous self-accelerating decomposition reaction and, under certain circumstances, explosion or fire, can be caused by thermal decomposition at or above the SADT indicated here.

Contact with incompatible substances can cause decomposition at or below SADT temperature.

#### 10.3. Possibility of hazardous reactions

Reactions with reducing agents.

Reactions with heavy metals.

Reactions with alkalis, amines and strong acids.

#### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition. Avoid transferring into containers that may have been contaminated with other substances. Avoid storing close to inflammable or combustible products.

#### 10.5. Incompatible materials

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE

Avoid contact with: acids,bases,oxidising substances.

Avoid unintentional contact with amines.

#### 10.6. Hazardous decomposition products

Thermal decomposition can lead to the formation of explosive peroxides or other potentially hazardous substances.

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE

The decomposition products depend on the temperature, the available air and the presence of other substances.

An uncontrolled exothermic reaction of epoxy resins liberates phenolic derivatives, carbon monoxide and water.

Benzoic acid

Benzene

Diphenyl

Fenilbenzoato

### 11. Toxicological information

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

#### 11.1. Information on toxicological effects

Metabolism, toxicokinetics, mechanism of action and other information

## 11. Toxicological information ... / >>

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE

LD50 (Oral):

11400 mg/kg Ratto

LD50 (Dermal):

2000 mg/kg Ratto

SKIN CORROSION / IRRITATION

Causes skin irritation

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Sensitising for the skin

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

Carcinogenicity Assessment:

1675-54-3 BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE  
IARC:3

94-36-0 Benzoyl peroxide  
IARC:3

7631-86-9 AMORPHOUS SILICATE HYDRATE  
IARC:3

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

## 12. Ecological information

This product is dangerous for the environment and highly toxic for aquatic organisms. In the long term, it have negative effects on aquatic environment.

### 12.1. Toxicity

Benzoyl peroxide

LC50 - for Fish 0.0602 mg/l/96h Oncorhynchus mykiss

EC50 - for Crustacea 0.11 mg/l/48h Daphnia magna

EC50 - for Algae / Aquatic Plants 0.0711 mg/l/72h Pseudokirchneriella subcapitata

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE

LC50 - for Fish 1.3 mg/l/96h

EC50 - for Crustacea 2.1 mg/l/48h Dafnia

EC50 - for Algae / Aquatic Plants > 11 mg/l/72h

Chronic NOEC for Crustacea 0.3 mg/l Dafnia

### 12.2. Persistence and degradability

Benzoyl peroxide

Entirely degradable

BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE

NOT rapidly degradable

### 12.3. Bioaccumulative potential

Benzoyl peroxide

Partition coefficient: n-octanol/water 3.2

### 12.4. Mobility in soil

Benzoyl peroxide

Partition coefficient: soil/water 3.8

### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage  $\geq$  than 0,1%.

### 12.6. Other adverse effects

Information not available

## 13. Disposal considerations

### 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.



## 14. Transport information

### 14.1. UN number

ADR / RID, IMDG, IATA: 3107

### 14.2. UN proper shipping name

ADR / RID: ORGANIC PEROXIDE TYPE E, LIQUID (BENZOYL PEROXIDE)  
IMDG: ORGANIC PEROXIDE TYPE E, LIQUID (BENZOYL PEROXIDE; BIS-[4-(2,3-EPOXIPROPOXI)PHENYL]PROPANE)  
IATA: ORGANIC PEROXIDE TYPE E, LIQUID (BENZOYL PEROXIDE)

### 14.3. Transport hazard class(es)

ADR / RID: Class: 5.2 Label: 5.2

IMDG: Class: 5.2 Label: 5.2

IATA: Class: 5.2 Label: 5.2



### 14.4. Packing group

ADR / RID, IMDG, IATA: -

### 14.5. Environmental hazards

ADR / RID: Environmentally Hazardous

IMDG: Marine Pollutant

IATA: NO



For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

### 14.6. Special precautions for user

ADR / RID:	HIN - Kemler: -- Special provision: 122, 274	Limited Quantities: 0,125 L	Tunnel restriction code: (D)
IMDG:	EMS: F-J, S-R	Limited Quantities: 0,125 L	
IATA:	Cargo: Passengers: Special provision:	Maximum quantity: 25 L Maximum quantity: 10 L A20, A150, A802	Packaging instructions: 570 Packaging instructions: 570

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

Information not relevant

## 15. Regulatory information

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

U.S. Federal Regulations

TSCA:

### 15. Regulatory information ... / >>

All components of this product are listed on US Toxic Substances Control Act (TSCA) Inventory or are exempt from the listing / notification requirements.

Clean Air Act Section 112(b):  
No component(s) listed.

Clean Air Act Section 602 Class I Substances:  
No component(s) listed.

Clean Air Act Section 602 Class II Substances:  
No component(s) listed.

Clean Water Act – Priority Pollutants:  
No component(s) listed.

Clean Water Act – Toxic Pollutants:  
No component(s) listed.

DEA List I Chemicals (Precursor Chemicals):  
No component(s) listed.

DEA List II Chemicals (Essential Chemicals):  
No component(s) listed.

EPA List of Lists:  
313 Category Code:  
94-36-0 Benzoyl peroxide

EPCRA 302 EHS TPQ:  
No component(s) listed.

EPCRA 304 EHS RQ:  
No component(s) listed.

CERCLA RQ:  
No component(s) listed.

EPCRA 313 TRI:  
94-36-0 Benzoyl peroxide

RCRA Code:  
No component(s) listed.

CAA 112 (r) RMP TQ:  
No component(s) listed.

#### State Regulations

Massachusetts:  
94-36-0 Benzoyl peroxide  
7631-86-9 AMORPHOUS SILICATE HYDRATE

Minnesota:  
94-36-0 Benzoyl peroxide  
7631-86-9 AMORPHOUS SILICATE HYDRATE

New Jersey:  
94-36-0 Benzoyl peroxide

New York:  
No component(s) listed.

Pennsylvania:  
94-36-0 Benzoyl peroxide  
7631-86-9 AMORPHOUS SILICATE HYDRATE

California:  
94-36-0 Benzoyl peroxide  
7631-86-9 AMORPHOUS SILICATE HYDRATE

### 15. Regulatory information ... / >>

Proposition 65:

This product does not contain any substances known to the State of California to cause cancer, reproductive harm or birth defects.

International Regulations

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

### 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>H241</b>	Heating may cause a fire or explosion.
<b>H319</b>	Causes serious eye irritation.
<b>H315</b>	Causes skin irritation.
<b>H317</b>	May cause an allergic skin reaction.
<b>H400</b>	Very toxic to aquatic life.
<b>H410</b>	Very toxic to aquatic life with long lasting effects.
<b>H411</b>	Toxic to aquatic life with long lasting effects.

LEGEND:

- 313 CATEGORY CODE: Emergency Planning and Community Right-to Know Act Section 313 Category Code
- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAA 112 ® RMP TQ: Risk Management Plan Threshold Quantity (Clean Air Act Section 112®)
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CERCLA RQ: Reportable Quantity (Comprehensive Environment Response, Compensation, and Liability Act)
- CLP: Regulation (EC) 1272/2008
- DEA: Drug Enforcement Administration
- EmS: Emergency Schedule
- EPA: US Environmental Protection Agency
- EPCRA: Emergency Planning and Community Right-to Know Act
- EPCRA 302 EHS TPQ: Extremely Hazardous Substance Threshold Planning Quantity (Section 302 Category Code)
- EPCRA 304 EHS RQ: Extremely Hazardous Substance Reportable Quantity (Section 304 Category Code)
- EPCRA 313 TRI: Toxics Release Inventory (Section 313 Category Code)
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PEL: Predicted exposure level
- RCRA Code: Resource Conservation and Recovery Act Code
- REACH: Regulation (EC) 1907/2006
- REL: Recommended exposure limit
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TSCA: Toxic Substances Control Act
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- WHMIS: Workplace Hazardous Materials Information System.

GENERAL BIBLIOGRAPHY:

- GHS rev. 3
- The Merck Index. 10th Edition
- Handling Chemical Safety
- NIOSH - Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

### 16. Other information ... / >>

- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy
- 6 NYCRR part 597
- Cal/OSHA website
- California Safe Drinking Water and Toxic Enforcement Act
- EPA website
- Hazard Communication Standard (HCS 2012)
- IARC website
- List Of Lists EPA: Consolidated List of Chemicals Subject to EPCRA, CERCLA and Section 112© of the Clean Air Act
- Massachusetts 105 CMR Department of public health 670.000: "Right to Know"
- Minnesota Chapter 5206 Department Of Labor and Industry Hazardous Substances, Employee "Right to Know".
- New Jersey Worker and Community Right to know Act N.J.S.A.
- NTP. 2011. Report on Carcinogens, 12th Edition.
- OSHA website
- Pennsylvania, Hazardous Substance List, Chapter 323

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Product classification derives from criteria established by the OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200), unless determined otherwise in Section 11 and 12. The data for evaluation of chemical-physical properties are reported in section 9.

#### Changes to previous review:

The following sections were modified:

01 / 02 / 03 / 05 / 07 / 09 / 10 / 11 / 12 / 14 / 15 / 16.