



## 1. Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

FLUORESCENT PINK  
ACID RED 52

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

Supplier Name Fizzywhiz  
Supplier address Unit 23 Maritime Enterprise Park Atlas Road Bootle L20 4DY  
Supplier tel +44 (0151 922 0041  
Email info@fizzywhiz.com

### 1.4 Emergency telephone number

+44 0151 922 0041 Monday - Friday, 09:00 - 17:00

Revision nr.7

EN

Printed on 06/09/2019 Page n. 1 / 82345678 0 Replaced revision:6 (Dated 24/09/2018)

## SECTION 16. Other information 391. Physico-chemical composition/information on ingredients Toxicological information and chemical properties... / >> ... / >> ... / >> ... / >>

Viscosity The following sections were modified: Does not meet the classification criteria for this hazard class **7966 ACID RHODAMINE B** Not available  
**Information Sheet**

## SECTION 16. Other information Explosive properties Oxidising properties GERM CELL MUTAGENICITY 03 CAS E C / 15. **74.**

**Handling and storage** **Transport information** 100 **orange** According to Annex II to REACH - Regulation 2015/830 Not available  
Not available

7.1 The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail **INDEX**. **Precautions for safe handling**

9.2 Does not meet the classification criteria for this hazard class LEGEND: (Reg. no. **Other information** RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations. **01-2120762107-57-XXXX**

## SECTION 1. Identification of the substance/mixture and of the company/undertaking Before- ADR: European Agreement concerning the carriage of Dangerous goods by Road handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the

14.1 environment. Do not eat, drink or **CARCINOGENICITY** - **The full wording of h** CAS NUMBER: Chemical Abstract Service Number . **UN number** hazard (H) phrases is given in section 16 of the sheet. smoke during use.

1.1 Information not available. **Product identifier** CE50: Effective concentration (required to induce a 50% effect)

7.2 **SECTION 4. First aid measures** - Does not meet the classification criteria for this hazard class Not applicable Product name.

**Conditions for safe storage, including any incompatibilities** CE NUMBER: Identifier in ESIS (European archive of existing substances **7966 ACID RODAMIN B**)

## 4.114.2 SECTION 10. Stability and reactivity - REPRODUCTIVE TOXICITY - Keep the product in **Chemical name and synonym.**

**Description** CLP: EC Regulation DNEL: Derived No Effect Level. **UN proper shipping name of first aid measures** clearly lab1272/2008m led containers. Keep containers away from any incompatible materials, see section 10 for details. **Acid Red 52**

EC number **222-529-8**

10.1- EmS: Emergency Schedule. **Reactivity**

7.3 - Does not meet the classification criteria for this hazard class CAS number Not applicable. **Specif** GHS: Globally Harmonized System of

classification and labeling of chemicals **specific end use(s)** necessary. Observance of good industrial hygiene is recommended. **3520-42-1**

Registration Number **01-2120762107-57-XXXX**

- There are no particular risks of reaction IATA DGR: International Air Transport Association Dangerous Goods Regulation with other substances in normal conditions of use.

**4.2.14.3 STOT - SINGLE EXPOSURE** - Information not available. **Most important** IC50: Immobilization Concentration 50%. **Transport hazard class(es)** (irritant symptoms and effects, both acute and delayed) (irritant)

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

**10.2- IMDG:** International Maritime Code for dangerous goods. **Chemical stability**

Does not meet the classification criteria for this hazard class. Not applicable. IMO: International Maritime Organization episodes of damage to health ascribable to the product have been reported.

**SECTION 8. Exposure controls/personal protection** - The product is stable in normal intended use. INDEX NUMBER: Identifier in Annex VI of CLP conditions of use and storage. **Industrial dye, subject to the regulations being in force in each country of use. It**

**4.38.114.4 STOT - REPEATED EXPOSURE - Indi. Control parameters** LC50: Lethal Concentration 50%. **Packing group of any immediate medical attention and special treatment needed could be used in cosmetics ( CI 45100 )**

**10.3- LD50:** Lethal dose 50%. **Possibility of hazardous reactions**

1.3- Does not meet the classification criteria for this hazard class. Information not available. During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate. Not applicable. **Details of the supplier of the safety data sheet** OEL: Occupational Exposure Level (not available)

**SECTION 5. Firefighting measures** ASPIRATION HAZARD - The powders are otherwise classified (PNOC respirable fraction: 3 mg/m<sup>3</sup>; PNOC inhalable fraction: 10 mg/m<sup>3</sup>). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment. Name: Full address: PBT: Persistent bioaccumulative and toxic as REACH Regulation. PEC: Predicted environmental Concentration PEL: Predicted exposure level. **Conditions to avoid environmental hazards** potentially explosive when mixed with **Via Italia, 28 Fiorio Colori SRL** air.

**14.5**

**10.4**

5.1- Does not meet the classification criteria for this hazard class. Not applicable. District and Country. **Extinguishing media** PNEC: Predicted no effect concentration **20060 Gessate Italy (MI)**

8.2 Avoid environmental dust build-up. **Exposure controls** REACH: EC Regulation 1907/2006 **Tel. +39 02-9592901**

**14.6 SECTION 12. Ecological information** - SUITABLE EXTINGUISHING EQUIPMENT RID: Regulation concerning the international transport of dangerous goods by train. **Special precautions for use** **Fax +39 02-95382688**

10.5- The extinguisher must comply with the safety measures usually applied when handling chemical substances. e-mail address of the competent person TLV: Threshold Limit Value. **Incompatible materials:** extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

- **HAND PROTECTION** Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product

reach waterways or **UNSUITABLE EXTINGUISHING EQUIPMENT** Not applicable. Responsible for the Safety Data Sheet TLV CEILING:

Concentration that should not be exceeded during any time of occupational exposure. **sds@fioriocolori.com** contaminate soil or water. None required. Information not available. TWA STEL: Short-term exposure limit in particulate. **getation.**

**1.4.14.7- SKIN PROTECTION. Emergency telephone number** TWA: Time-weighted

average exposure limit. **Transport in bulk according to Annex II of Marpol and the**

**IBC Code 12.15.20**-None required. **6. Special hazards arising from the substance**

**or mixture** VOC: Volatile organic Compounds. **Toxicity** **Hazardous decomposition products**

Information not available. For urgent inquiries refer to- **EYE PROTECTION** vPvB: Very

Persistent and very Bioaccumulative as for REACH Regulation. **relevant**

**NUE 112** -None required. Information not available. **HAZARDS CAUSED**

**BY EXPOSURE IN THE EVENT OF FIRE** WGK: Water hazard classes

(German).

**12.2 SECTION 15. Regulatory information** **SECTION 2. Hazards identification** **SECTION 11.**

**Toxicological information** **RESPIRATORY PROTECTION** Use a type P filtering facemask, whose class (1, 2 or 3) and effective need,

must be defined according to the outcome of risk assessment. **GENERAL BIBLIOGRAPHY** Do not breathe combustion products. The product is

combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source see standard EN .

**Persistence and degradability**149). of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.(

**2.111.1 ENVIRONMENTAL EXPOSURE CONTROLS**1. **Classification of the substance or mixture.** Regulation (EC) 1907/2006 (REACH) of the European Parliament, **Information on toxicological effects**

**5.32**Information Toxic Substance Control Act (TSCA). **Advice for firefighters.** Regulation (EC) 1272/2008 (CLP) of the European Parliament the emissions generated by available manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.3Metabolism, toxicokinetics, mechanism of action and other informationThe product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament

**15.14**GENERAL INFORMATION amendments and supplements).. Regulation (EU) 2015/830 of the European Parliament. **Safety, health and environmental regulations/legislation specific for the substance or mixture**

**12.35**Use jets Information not available. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament. **Bioaccumulative potential** Information not available. Use jets to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. **Always wear full fire prevention gear**6Seveso Category - Directive 2012/18/EC;Hazard classification and indication:. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of-- None **SECTION 9.**

**Physical and chemical properties**contaminated water used for extinction.7Information Information on likely routes of exposure.

Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament. Information not available and the remains of the fire according to applicable regulations.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS**8Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament

**2.2**Normal fire9Information not available. **Label elements. Information on basic physical and chemical properties.** Regulation (EU) 605/2014 (VI

Atp. CLP) of the European Parliament. **Mobility in soil.** Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament fighting clothing i.e.

fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with pressure compressed air breathing apparatus (BS EN 137).

**9.112.410**Substances in Candidate List (Art. 59 REACH)self-contained open circuit positive

11Hazard pictograms:

Appearance12On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%. Information not available. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament. Regulation (EU) 2016/1179 (IX Atp. CLP) and immediate effects as well as chronic effects from short and long-term exposure-- ) powder or granular er than 0,1%.

**SECTION 6. Accidental release measures**13Substances subject to authorisation (Annex XIV REACH)Signal words:Information not availableColourOdour. Regulation (EU) 2017/776 (X Atp. CLP-- ) dark red odourless

**6.112.5**emergency procedures. ---NoneHazard statements:Interactive effectsOn theNoneInformation not availablePrecautionary

statements:Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:Use breathingOdour thresholdpHMelting point / freezing pointInitial boiling point. **Personal precautions, protective equipment and emergency procedures** The Merck Index. - 10th Edition Handling Chemical Safety INRS - Fiche Toxicologique (toxicological sheet Patty - Industrial Hygiene and Toxicology. **Results of PBT and vPvB assessment**basis of available data, the productequipment fumes or powders are released into the air. These indications apply for both processing staff and those involved in---- does not contain any PBT or vPvB in percentage greater than 0,1%.) Not applicableNot availableNot available5 - 9

**12.6**ACUTE TOXICITY-Substances subject to the Rotterdam Convention:Boiling rangeFlash point. **Envir** N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition IFA GESTIS website. **Other adverse effects**mental precautions Not availableNot applicable



**6.22.3**---NoneThis product is not subject to hazard labeling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.Information not availableDoes not meet the classification criteria for this hazard classThe product muSubstances subject to the Stockholm Convention:Evaporation RateFlammability of solids and gasesLower inflammability limit. **Other hazards** ECHA website Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italyt not penetrate into the sewer system Not availableNot availableNot availableNot available come into contact with surface water or ground water.

**6.3 SECTION 13. Disposal considerations** SKIN CORROSION / IRRITATION None Upper inflammability limit. **Methods and material for containment and cleaning up** Not available

**13.** 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 On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%. **Healthcare controls** Does not meet Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material Information not available Lower explosive limit Upper explosive limit Vapour pressure **1. Waste treatment methods** classification criteria for this hazard class Not available Not available Not available

**SECTION 3. Composition/information on ingredients** 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. should be disposed of in compliance with the provisions set forth in point 13. **SERIOUS EYE DAMAGE / IRRITATION** Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. **Reuse, when possible. Neat product res** Vapour density Relative density. **Substances. Reference to other sections. Chemical safety assessment** idues should be considered special non-hazardous waste. Not available Not available

**15.23.16.4** and safety laws and regulations. The producer is relieved from any liability arising from improper uses. The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health D No chemical safety assessment has been processed for the mixture and the substances it contains. Contains: Solid residues may be suitable for disposal in an authorised landfill site. **CONTAMINATED PACKAGING** Solubility Partition coefficient: n-octanol/water es not meet the classif personal protection and disposal is given cation criteria for this hazard class Not available soluble n sections 8 and 13.

Any information o Provide appointed staff with adequate training on how to use chemical products. **RESPIRATORY OR SKIN SENSITISATION** Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations. Not available

Auto-ignition temperature

Identification **Conc. %** **Classification 1272/2008 (CLP)**

Changes to previous review: Decomposition temperature Not available

EPY 9.8.3 - SDS 1004.11

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**SECTION 3. Composition/information on ingredients** ... / >>

**7966 ACID RHODAMINE B**

CAS 3520-42-1 100

EC 222-529-8

INDEX

Reg. no. 01-2120762107-57-XXXX

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

**SECTION 4. First aid measures**

**4.1. Description of first aid measures**

Not specifically necessary. Observance of good industrial hygiene is recommended.

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

No episodes of damage to health ascribable to the product have been reported.

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

not available

**SECTION 5. Firefighting 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. The product is combustible and, when the powder is released into the air in sufficient concentrations and in the presence of a source of ignition, it can create explosive mixtures with air. Fires may start or get worse by leakage of the solid product from the container, when it reaches high temperatures or through contact with sources of ignition.

### 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).

## SECTION 6. Accidental release measures

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

Use breathing equipment if fumes or powders are released into the air. 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

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. 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.

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## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use.

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

Keep the product in clearly labelled containers. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s) Information

not available

## SECTION 8. Exposure controls/personal protection

## 8.1. Control parameters

During the risk assessment process, it is essential to take into consideration the ACGIH occupational exposure levels for inert particulate not otherwise classified (PNOC respirable fraction: 3 mg/m<sup>3</sup>; PNOC inhalable fraction: 10 mg/m<sup>3</sup>). For values above these limits, use a P type filter, whose class (1, 2 or 3) must be chosen according to the outcome of risk assessment.

## 8.2. Exposure controls

Comply with the safety measures usually applied when handling chemical substances.

### HAND PROTECTION

None required.

### SKIN

### PROTECTION

None required.

### EYE PROTECTION

None required.

### RESPIRATORY PROTECTION

Use a type P filtering facemask, whose class (1, 2 or 3) and effective need, must be defined according to the outcome of risk assessment (see standard EN 149).

### ENVIRONMENTAL EXPOSURE CONTROLS

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

## SECTION 9. Physical and chemical properties

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

Appearance	powder or granular
Colour	dark red
Odour	odourless
Odour threshold	Not available
pH	5 - 9
Melting point / freezing point	Not available
Initial boiling point	Not applicable
Boiling range	Not available
Flash point	Not applicable
Evaporation Rate	Not available
Flammability of solids and gases	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	Not available
Solubility	soluble
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available

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

Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available

### 9.2. Other information

Information not available

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

The powders are potentially explosive when mixed with air.

### 10.4. Conditions to avoid

Avoid environmental dust build-up.

### 10.5. Incompatible materials

Information not available

### 10.6. Hazardous decomposition products

Information not available

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

#### Metabolism, toxicokinetics, mechanism of action and other 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

Does not meet the classification criteria for this hazard class

#### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

#### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

#### RESPIRATORY OR SKIN SENSITISATION

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

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

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

## SECTION 12. Ecological information

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

### 12.1. Toxicity

Information not available

### 12.2. Persistence and degradability

Information not available

### 12.3. Bioaccumulative potential

Information not available

### 12.4. Mobility in soil

Information not available

### 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 greater than 0,1%.

### 12.6. Other adverse effects

Information not available

## SECTION 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. Solid residues may be suitable for disposal in an authorised landfill site.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

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## SECTION 14. Transport information

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1. UN number

Not applicable

### 14.2. UN proper shipping name

Not applicable

### 14.3. Transport hazard class(es)

Not applicable

### 14.4. Packing group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for user

Not applicable

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

Information not relevant

## SECTION 15. Regulatory information

Toxic Substance Control Act (TSCA)

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

Seveso Category - Directive 2012/18/EC: \_\_\_\_\_ None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage greater than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

### 15.2. Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

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<b>SECTION 16. Other information</b>		

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- 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
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- 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.- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation- WGK: Water hazard classes (German).

#### GENERAL BIBLIOGRAPHY

1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)

- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website- ECHA website
- Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

#### 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.

Changes to previous review:

EPY 9.8.3 - SDS 1004.11

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**SECTION 16. Other information ... / >>**

The following sections were modified:

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