Revision nr. 1 Meccanocar Italia S.r.l. Dated 04/03/2020 First compilation Printed on 04/03/2020 **PURE ANTIFREEZE** Page n. 1/13

Safety Data Sheet

According to Annex II to REACH - Regulation 2015/830

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

1.1. Product identifier

411 00 00007-7-Blue 5 L Code: 411 00 00012-12-Blue 200 L 411 00 14890-2790-Blue 25 L 411 00 15300-2900-Blue 50L

Product name **PURE ANTIFREEZE** INDEX number 603-027-00-1 EC number 203-473-3 CAS number 107-21-1

Registration Number 01-2119456816-28-XXXX

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

Antifreeze for cars Intended use

1.3. Details of the supplier of the safety data sheet

Meccanocar Italia S.r.l. Via San Francesco, 22 Full address District and Country 56033 Capannoli (PI)

Italy

Tel. +39 0587 609433 Fax +39 0587 607145

e-mail address of the competent person

responsible for the Safety Data Sheet moreno.meini@meccanocar.it

1.4. Emergency telephone number

National Poisons Information Service: +44 121 507 4123 For urgent inquiries refer to

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2015/830. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Acute toxicity, category 4 H302 Harmful if swallowed.

Specific target organ toxicity - repeated exposure, category 2 H373 May cause damage to organs through prolonged or repeated

exposure.

2.2. Label elements

Meccanocar Italia S.r.l.

Revision nr. 1

Dated 04/03/2020
First compilation

Printed on 04/03/2020

Page n. 2/13

PURE ANTIFREEZE

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:





Signal words: Warning

Hazard statements:

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P314 Get medical advice / attention if you feel unwell.

P264 Wash hands thoroughly after handling.

P260 Do not breathe dust / fume / gas / mist / vapours / spray.
P270 Do not eat, drink or smoke when using this product.

P301+P312 IF SWALLOWED: Call a POISON CENTER / doctor / . . . / if you feel unwell.

P501 Dispose of contents / container in accordance with local regulations.

Contains: GLICOL ETILENICO

INDEX 603-027-00-1

2.3. Other hazards

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

SECTION 3. Composition/information on ingredients

3.1. Substances

Contains:

Identification Conc. % Classification 1272/2008 (CLP)

GLICOL ETILENICO

CAS 107-21-1 100 Acute Tox. 4 H302, STOT RE 2 H373

EC 203-473-3 INDEX 603-027-00-1

Reg. no. 01-2119456816-28-XXXX

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

SECTION 4. First aid measures

| Meccanocar Italia S.r.I. | Revision nr. 1 |
|--------------------------|-----------------------|
| | Dated 04/03/2020 |
| | First compilation |
| PURE ANTIFREEZE | Printed on 04/03/2020 |
| _ | Page n. 3/13 |

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

Information not available

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.

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

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.

| Meccanocar Italia S.r.I. | Revision nr. 1 |
|--------------------------|-----------------------|
| | Dated 04/03/2020 |
| | First compilation |
| PURE ANTIFREEZE | Printed on 04/03/2020 |
| | Page n. 4/13 |

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.

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. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. 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

Regulatory References:

| ESP | España | LÍMITES DE EXPOSICIÓN PROFESIONAL PARA AGENTES QUÍMICOS EN ESPAÑA 2019 (INSST) |
|-----|----------------|---|
| FRA | France | Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS |
| GBR | United Kingdom | EH40/2005 Workplace exposure limits (Third edition,published 2018) |
| ITA | Italia | DIRETTIVA (UE) 2017/164 DELLA COMMISSIONE del 31 gennaio 2017 |
| NOR | Norge | Fastsatt av Arbeids- og sosialdepartementet 21. august 2018 med hjemmel i lov 17. juni 2005 nr. 62 om arbeidsmiljø, arbeidstid, stillingsvern mv. (arbeidsmiljøloven) § 1-3, § 1-4 og § 4-5 |
| PRT | Portugal | Ministério da Economia e do Emprego Consolida as prescrições mínimas em matéria de protecção dos trabalhadores contra os riscos para a segurança e a saúde devido à exposição a agentes químicos no trabalho - Diário da República, 1.ª série - № 111 - 11 de junho de 2018 |
| EU | OEL EU | Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC. |
| | TLV-ACGIH | ACGIH 2019 |

GLICOL ETILENICO

| Threshold Limit Value | | | | | | | |
|-----------------------|---------|--------|-----|------------|-----|---------------------------|--|
| Туре | Country | TWA/8h | | STEL/15min | | Remarks / Observations | |
| | | mg/m3 | ppm | mg/m3 | ppm | | |
| VLA | ESP | 52 | 20 | 104 | 40 | SKIN | |
| VLEP | FRA | 52 | 20 | 104 | 40 | SKIN | |
| WEL | GBR | 52 | 20 | 104 | 40 | SKIN | |
| VLEP | ITA | 52 | 20 | 104 | 40 | SKIN | |

Revision nr. 1 Meccanocar Italia S.r.l. Dated 04/03/2020 First compilation Printed on 04/03/2020 **PURE ANTIFREEZE** Page n. 5/13 TLV SKIN NOR 52 20 VI F PRT SKIN 52 20 104 40 OFI FU 52 20 104 40 SKIN TLV-ACGIH 10 INHAL TLV-ACGIH 25 50 Predicted no-effect concentration - PNEC Normal value in fresh water 10 mg/l Normal value in marine water mg/l Normal value for fresh water sediment 37 mg/kg Normal value for marine water sediment 3,7 mg/kg Normal value of STP microorganisms 199,5 mg/l Normal value for the terrestrial compartment 1.53 mg/kg Health - Derived no-effect level - DNEL / DMEL Effects on Effects on consumers workers Route of exposure Acute local Acute systemic Chronic local Chronic Acute local Acute Chronic local Chronic systemic systemic systemic Inhalation 7 mg/m3 35 mg/m3 53 mg/kg Skin 106 mg/kg bw/d bw/d

Legend:

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

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

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.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: 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 II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

In the presence of risks of exposure to splashes or squirts during work, adequate mouth, nose and eye protection should be used to prevent accidental absorption.

Meccanocar Italia S.r.I. Revision nr. 1 Dated 04/03/2020 First compilation Printed on 04/03/2020 Page n. 6/13

RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387). 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 (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

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 clear liquid
Colour various
Odour characteristic
Odour threshold Not available

рΗ 7-9 Melting point / freezing point -13 °C 165 °C Initial boiling point Boiling range 165 °C Flash point > 100 °C Not available Evaporation rate Flammability (solid, gas) 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 1,109

Solubility soluble in water

Partition coefficient: n-octanol/water Not available

Auto-ignition temperature Not available

Decomposition temperature Not available

Viscosity >30 cSt

Explosive properties Not available

Oxidising properties Not available

9.2. Other information

Information not available

SECTION 10. Stability and reactivity

Meccanocar Italia S.r.I. PURE ANTIFREEZE Revision nr. 1 Dated 04/03/2020 First compilation Printed on 04/03/2020 Page n. 7/13

10.1. Reactivity

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

In the air absorbs moisture. Decomposes at temperatures above 200°C/392°F.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

Risk of explosion on contact with: perchloric acid.May react dangerously with: chlorosulphuric acid,sodium hydroxide,sulphuric acid,phosphorus pentasulphide,chromium (III) oxide,chromyl chloride,potassium perchlorate,potassium dichromate,sodium peroxide,aluminium.Forms explosive mixtures with: air.

10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

Avoid exposure to: sources of heat,naked flames.

10.5. Incompatible materials

Information not available

10.6. Hazardous decomposition products

May develop: hydroxyacetaldehyde,glyoxal,acetaldehyde,methane,carbon monoxide,hydrogen.

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

WORKERS: inhalation; contact with the skin.

POPULATION: room air inhalation; skin contact with products containing the substance.

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

By ingestion it initially stimulates the central nervous system; subsequently a phase of depression takes over. Kidney damage can occur, with anuria and uremia. The symptoms of overexposure are: vomiting, drowsiness, difficult breathing, convulsions. The lethal dose for humans is approximately 1.4 ml / kg.

Interactive effects

Meccanocar Italia S.r.I. PURE ANTIFREEZE Revision nr. 1 Dated 04/03/2020 First compilation Printed on 04/03/2020 Page n. 8/13

Information not available

ACUTE TOXICITY

Acute toxicity, category 4. Harmful if swallowed.

Method: Not indicated

Reliability: 2

Species: Rat (Sprague-Dawley; male / female)

Route of exposure: Oral

Results: LD50 = 7712 mg / kg bw

Method: Not indicated

Reliability: 2

Species: Rat (Sprague-Dawley; male / female) Route of exposure: Inhalation (aerosol)

Results: LC50> 2.5 mg / L air

Bibliographic reference: Evaluation of the Developmental Toxicity of Ethylene Glycol Aerosol in the CD Rat and CD-1 Mouse by Whole-Body Exposure,

Tyl RW, Ballantyne B, Fisher LC, Fait DL, Savine TA, Dodd DE, Klonne DR, Pritts IM (1995)

Method: Not indicated

Reliability: 2

Species: Mouse (CD-1; male / female)

Route of exposure: Dermal Results: LD50> 3500 mg / kg bw

Bibliographic reference: Assessment of the Developmental Toxicity of Ethylene Glycol Applied Cutaneously to CD-1 Mice, Tyl RW, Fisher LC, Kubena

MF, Vrbanic MA, Losco PE (1995)

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

Method: Not indicated

Reliability: 2

Species: Rabbit (Vienna White) Route of exposure: Dermal Results: Not classified

SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

Method: Not indicated

Reliability: 2

Species: Rabbit (Vienna White) Route of exposure: Ocular Results: Not classified

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Skin sensitization Method: Not indicated

Reliability: 2

Species: guinea pig (Dunkin-Hartley; male / female)

Route of exposure: Dermal Results: Not classified

Bibliographic reference: Evaluation of Skin Irritation and Sensitization of Two Diol Solutions used as Experimental Dentin Primers in Humans and Guinea Pigs, Kurihara A, Manabe A, Katsuno K, Itoh K, Hismitsu H, Wakumoto S, Yoshida T (1996)

Meccanocar Italia S.r.I. Revision nr. 1 Dated 04/03/2020 First compilation Printed on 04/03/2020 Page n. 9/13

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

Method: OECD 471 in vitro test

Reliability: 1

Species: S. typhimurium

Results: Negative with and without metabolic activation

Method: Not indicated - in vivo test

Reliability: 2

Species: Rat (Fischer 344; male / female)

Route of exposure: Oral Results: Negative

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

The available studies have not shown carcinogenic power. In a 2-year carcinogenicity study, conducted by the US National Toxicology Program (NTP), in which ethylene glycol was administered in feeding, "no evidence of carcinogenic activity" was observed in male and female B6C3F1 mice (NTP, 1993).

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

Based on available data and through expert judgment, the substance is not classified in the target organ toxicity class for single exposure.

STOT - REPEATED EXPOSURE

May cause damage to organs

Method: OECD 410

Reliability: 1

Species: Dog (Beagle; male / female)

Route of exposure: Dermal

Results: NOAEL> 2 200 - <4 400 mg / kg bw / day

Target organ Kidney

Route of exposure

Oral

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

SECTION 12. Ecological information

12.1. Toxicity

Meccanocar Italia S.r.l.

PURE ANTIFREEZE

Revision nr. 1

Dated 04/03/2020

First compilation

Printed on 04/03/2020

Page n. 10/13

GLICOL ETILENICO

LC50 - for Fish 72860 mg/l/96h
EC10 for Algae / Aquatic Plants 100 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants 100 mg/l

12.2. Persistence and degradability

GLICOL ETILENICO

Solubility in water 1000 - 10000 mg/l

Rapidly degradable

12.3. Bioaccumulative potential

GLICOL ETILENICO

Partition coefficient: n-octanol/water -1,36

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. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

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.

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

| Massaussau Italia C v I | Revision nr. 1 |
|--|-----------------------|
| Meccanocar Italia S.r.l. | Dated 04/03/2020 |
| | First compilation |
| PURE ANTIFREEZE | Printed on 04/03/2020 |
| FURE ANTIFREEZE | Page n. 11/13 |
| | |
| Not applicable | |
| | |
| | |
| 14.2. UN proper shipping name | |
| | |
| Not applicable | |
| | |
| | |
| 14.3. Transport hazard class(es) | |
| | |
| Not applicable | |
| That applicable | |
| | |
| 14.4. Packing group | |
| | |
| Not applicable | |
| That applicable | |
| | |
| 14.5. Environmental hazards | |
| | |
| Not applicable | |
| That 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 | |
| | |
| 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 | |
| <u>Product</u> | |
| Point 3 | |
| | |
| Substances in Candidate List (Art. 59 REACH) | |
| | |
| | |
| | |
| | |

Meccanocar Italia S.r.I. Revision nr. 1 Dated 04/03/2020 First compilation Pure Antifreeze Page n. 12/13

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

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

SECTION 16. Other information

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

Acute Tox. 4 Acute toxicity, category 4

STOT RE 2 Specific target organ toxicity - repeated exposure, category 2

H302 Harmful if swallowed.

H373 May cause damage to organs through prolonged or repeated exposure.

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

Revision nr. 1 Meccanocar Italia S.r.l. Dated 04/03/2020 First compilation Printed on 04/03/2020 **PURE ANTIFREEZE** Page n. 13/13

- 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

- Regulation (EU) 2015/830 of the European Parliament
 Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
 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 (EÚ) 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)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2018/1480 (XIII Atp. CLP)
- 16. Regulation (EU) 2019/521 (XII 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.

Product's classification is based on the calculation methods set out in Annex I of the CLP Regulation, unless otherwise indicated in sections 11 and 12. The data for evaluation of chemical-physical properties are reported in section 9.