Regulation (EC) nr. 1907/2006

22th of March 2018, SP04.00373 Rev. 1

# 1. NATURE OF THE MATERIALS AND MANUFACTURING COMPANY

IDENTIFICATION OF THE PRODUCT: DIRECT GLAZING SEALANT

**USE OF THE PRODUCT:** One component adhesive for the automotive industry.

**PRODUCT REGISTRATION NUMBER** Not available.

COMPANY IDENTIFICATION: INDASA – Indústria de Abrasivos, S. A. ZONA INDUSTRIAL DE AVEIRO, LOTE 46 PO BOX 3005 3801-101 AVEIRO – PORTUGAL TEL.: + 351 234 303 600 FAX: + 351 234 303 601 E-MAIL: INDASA@INDASA.PT

## 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 data sheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. 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:

Respiratory sensitization, category 1

 $\rm H334$  – May cause allergy or asthma symptoms or breathing difficulties if inhaled.

Skin sensitization, category 1

H317 – May cause an allergic skin reaction.

### 2.2. Label elements:

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

Signal word:



| • | Signal word.                | Danger   |
|---|-----------------------------|--|
| • | Hazard statements: inhaled. | H334 - May cause allergy or asthma symptoms or breathing difficulties if   |
|   |                             | H317 – May cause an allergic skin reaction.<br>EUH204 – Contains isocyanates. May produce an allergic reaction.  |
| • | Precautionary statements:   | <ul> <li>P261 - Avoid breathing dust / fume / gas / mist / vapours / spray.</li> <li>P280 - Wear protective gloves / protective clothing / eye protection / face protection.</li> <li>P284 - In case of inadequate ventilation] wear respiratory protection.</li> <li>P304+P340 - IF INHALED: remove person to fresh air and keep comfortable for</li> </ul> |
|   |                             | breathing.   |
|   |                             | P342+P311 - If experiencing respiratory symptoms: call a POISON CENTER / doctor /  |
|   |                             | P362+P364 - Take off contaminated clothing and wash it before reuse.   |
|   |                             |  |

Regulation (EC) nr. 1907/2006



22th of March 2018, SP04.00373 Rev. 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%.
3. COMPOSITION/INFORMATION ON THE COMPONENTS

### 3.1 Substances: Information not relevant

### 3.2 Mixtures:

Contains:

| Chemical name  | (%)      |                                 | N.º Identification   | Classification 1272/2008 (CLP)  | PBT / WEL |
|--|----------|---------------------------------|--|---|-----------|
| HEXAMETHYLENE-<br>1,6-DIISOCYANATE<br>HOMOPOLYMER<br>INDEX:<br>EC: |          | 28182-81-2<br>-<br>931-274-8    | Acute Tox. 4 H332,<br>STOT SE 3 H335,<br>Skin Sens. 1 H317     | -   |           |
|  |          | REACH:                          | 01-2119485796-17   |   |           |
| DIPHENYLMETHAN<br>E-4,4'-<br>DIISOCYANATE                          | 0,89 - 1 | CAS:<br>INDEX:<br>EC:<br>REACH: | 101-68-8<br>615-005-00-9<br>202-966-0<br>01-2119457014-47-XXXX | Carc. 2 H351,<br>Acute Tox. 4 H332,<br>STOT RE 2 H373,<br>Eye Irrit. 2 H319,<br>Skin Irrit. 2 H315,<br>STOT SE 3 H335,<br>Resp. Sens. 1 H334,<br>Skin Sens. 1 H317,<br>Note 2 C | -         |

Note: Upper limit is not included into the range.

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

| Inhalation   | Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately.                                       |
|--------------|--|
| Skin contact | Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.        |
| Eye contact  | 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. |
| Ingestion    | Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly authorised by a doctor.                                    |

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

For symptoms and effects caused by the contained substances, see chap. 11.

**4.3 Indication of any immediate medical attention and special treatment needed** Information not available.

Page 2 of 10



Regulation (EC) nr. 1907/2006

22th of March 2018, SP04.00373 Rev. 1

# 5. FIRE-FIGHTING MEASURES

| 5.1 Extinguishing media                                   | Suitable 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 fire-fighters                              | 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 firefighting 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 MEASU                               | JRES  |

| 6.1. Personal<br>precautions,<br>protective equipment<br>and emergency<br>procedures | Block the leakage if there is no hazard.<br>Wear suitable protective equipment (including personal protective equipment referred<br>to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes<br>and personal clothing. These indications apply for both processing staff and those<br>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<br>for containment and<br>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.<br>Make sure the leakage site is well aired. Check incompatibility for container material in section 7. 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                                      | 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<br>storage, including<br>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.<br>Storage class TRGS 510 (Germany): 10   |
| 7.3 Specific end use(s)   | Information not available.  |

Regulation (EC) nr. 1907/2006



22th of March 2018, SP04.00373 Rev. 1

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Regulatory References:

| DEU | Deutschland | MAK-und BAT-Werte-Liste 2012   |
|-----|-------------|--|
| ESP | España      | INSHT - Límites de exposición profesional para agentes químicos en España 2015 |
| FRA | France      | JORF n°0109 du 10 mai 2012 page 8773 texte n° 102                              |
| GBR | United      | EH40/2005 Workplace exposure limits  |
|     | Kingdom     |  |
| GRC | Ελλάδα      | ΕΦΗΜΕΡΙΣ ΤΗΣ ΚΥΒΕΡΝΗΣΕΩΣ -ΤΕΥΧΟΣ ΠΡΩΤΟ Αρ. Φύλλου 19 - 9 Φεβρουαρίου 2012      |
| POL | Polska      | ROZPORZĄDZENIE MINISTRA PRACY I POLITYKI SPOŁECZNEJ z dnia 16 grudnia 2011r    |
| SWE | Sverige     | Occupational Exposure Limit Values, AF 2011:18                                 |
|     | TLV - ACGIH | ACGIH 2014   |

## Hazardous ingredients:

| DIISONONYL PHTHALATE  |                       |       |     |       |        |  |
|-----------------------|-----------------------|-------|-----|-------|--------|--|
| Threshold Limit Value | Threshold Limit Value |       |     |       |        |  |
| Туре                  | Country               | TWA   | V8h | STEL  | /15min |  |
|                       |                       | mg/m3 | ppm | mg/m3 | ppm    |  |
| WEL                   | GBR                   | 5     |     |       |        |  |

| DIPHENYLMETHANE-4,4'-DIISOCYANATE |         |       |       |          |           |        |
|-----------------------------------|---------|-------|-------|----------|-----------|--------|
| Threshold Limit Value             |         |       |       |          |           |        |
| Туре                              | Country | TWA   | V8h   | STE      | L/15min   |        |
|                                   |         | mg/m3 | ppm   | mg/m3    | ppm       |        |
| AGW                               | DEU     | 0,05  |       | 0,05     |           |        |
| MAK                               | DEU     | 0,05  |       | 0,05     |           | SKIN.  |
| MAK                               | DEU     | 0,05  |       | 0,05     |           | INHAL. |
| VLA                               | ESP     | 0,052 | 0,005 |          |           |        |
| VLEP                              | FRA     | 0,1   | 0,01  | 0,2      | 0,02      |        |
| TLV                               | GRC     | 0,2   |       | 0,2      |           |        |
| NDS                               | POL     | 0,03  |       | 0,09     |           |        |
| MAK                               | SWE     | 0,03  | 0,002 | 0,05 (C) | 0,005 (C) |        |
| TLV - ACGIH                       |         | 0,005 | 0,005 |          |           |        |

Legend:

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

### 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 be CE marked, showing that it complies with applicable standards. Provide an emergency shower with face and eye wash station.

#### **Respiratory protection:**

In case of exceeding the threshold value (e.g., TLV-TWA) of the substance or one or more of the substances present in the product, it is advisable to wear a mask with filter type A for organic vapours, the class (1, 2 or 3) must be chosen according to the limit concentration of use (1000, 5000 or 10000 ppm) (ref. standard EN 14387).



Regulation (EC) nr. 1907/2006



## 22th of March 2018, SP04.00373 Rev. 1

| Hand protection: | Protect your hands with work gloves, category III (ref. standard EN 374). For the final choice of material, you need to assess the type of use. In case of contact for the short term or as protection against splashes, use gloves made of nitrile (0.3mm thickness, permeation time >480 min.). In the event of continued exposure use butyl rubber gloves (0.4mm thickness, permeation time> 480 min.). Contaminated gloves should be removed |
|------------------|--|
| Eye protection:  | Wear airtight protective goggles (see standard EN 166).  |
| Skin protection: | Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.  |
| Environmental:   | The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.   |

# 9. PHYSICAL AND CHEMICAL PROPERTIES

## 9.1. Information on basic physical and chemical properties

| Appearance: paste                                      |
|--|
| Colour: black  |
| Odour: characteristic                                  |
| Odour threshold: Not available.                        |
| pH: Not available.                                     |
| Melting point / freezing point: Not available.         |
| Initial boiling point: Not available.                  |
| Boiling range: Not available.                          |
| Flash point: > 100 °C.                                 |
| Evaporation rate: Not available.                       |
| Flammability (solid, gas): Not available.              |
| Lower in flammability limit: Not available.            |
| Upper in flammability limit: Not available.            |
| Lower explosive limit: Not available.                  |
| Upper explosive limit: Not available.                  |
| Vapour pressure: Not available.                        |
| Vapour density: Not available.                         |
| Relative density: 1,36 Kg/l                            |
| Solubility: Not available.                             |
| Partition coefficient: n-octanol/water: Not available. |
| Auto-ignition temperature: Not available.              |
|  |

Regulation (EC) nr. 1907/2006



22th of March 2018, SP04.00373 Rev. 1

| Decomposition temperature: Not a            | Decomposition temperature: Not available.  |  |  |  |
|---|--|--|--|--|
| Viscosity: 250000 - 350000 cps              | Viscosity: 250000 - 350000 cps   |  |  |  |
| Explosive properties: Not available.        | Explosive properties: Not available.   |  |  |  |
| Oxidising properties: Not available.        | Oxidising properties: Not available.   |  |  |  |
| 9.2. Other information:                     | 9.2. Other information:  |  |  |  |
| VOC (Directive 2010/75/EC): 0               |  |  |  |  |
| VOC (volatile carbon): 0                    |  |  |  |  |
| 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<br>reactions: | No hazardous reactions are foreseeable in normal conditions of use and storage.                    |  |  |  |
| 10.4 Conditions to avoid:                   | None in particular. However, the usual precautions used for chemical products should be respected. |  |  |  |
| 10.5 Incompatible materials:                | Information not available.   |  |  |  |
| 10.6 Hazardous decomposition<br>products:   | Information not available.   |  |  |  |

## 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects:

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.

Inhalation of this product causes sensitization, which may then give rise to a series of inflammatory episodes, most of all characterized by obstruction and affecting the respiratory system. Sometimes, sensitization phenomena arise together with evident rhinitis and asthma.

Damages to the respiratory system depend on the inhaled quantity, on the product concentration in the working environment and on the exposure time.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Cutaneous lesions may include: erythema's, edemas, papules, vesicles, pustules, scurvies, ulcerations and exudative phenomena, whose intensity varies according to illness seriousness and affected areas. Erythema's, edemas and exudative phenomena prevail during the acute phase. Scurfy skin, dryness, ulcerations and skin thickening prevail during the chronic phase.

This product contains isocyanates. Producer's specifications are as follows: Ready-to-use products containing isocyanates may irritate mucosa's, particularly those of the respiratory system, and may give rise to hypersensitivity reactions. Vapour or aerosol inhalation may lead to sensitization. Please take all the measures used for all solvent-containing products while manipulating isocyanate-containing products. Avoid vapour and aerosol inhalation. People with allergic or asthmatic precedents or subject to respiratory disorders should not handle products containing isocyanates.

This product contains sensitizing substance/s and may cause allergic reactions.

Regulation (EC) nr. 1907/2006



22th of March 2018, SP04.00373 Rev. 1

### HEXAMETHYLENE-1,6-DIISOCYANATE HOMOPOLYMER

LD50 (Oral): > 2500 mg/kg Rattus sp. LD50 (Dermal): > 2000 mg/kg Oryctolagus sp.

#### • DIPHENYLMETHANE-4,4'-DIISOCYANATE

LD50 (Oral). > 2000 mg/kg Rattus sp. LD50 (Dermal). > 9400 mg/kg Oryctolagus sp. LC50 (Inhalation). 2,24 mg/l Rattus sp.

## **12. ECOLOGICAL INFORMATION**

#### 12.1. Toxicity

HEXAMETHYLENE-1,6-DIISOCYANATE HOMOPOLYMER EC50 - for Algae / Aquatic Plants. > 1000 mg/l/72h Scenedesmus sp. Chronic NOEC for Fish. > 100 mg/l Danio rerio Chronic NOEC for Crustacea. > 100 mg/l Daphnia magna

<u>DIPHENYLMETHANE-4,4'-DIISOCYANATE</u> LC50 - for Fish. > 1000 mg/l/96h Danio rerio Chronic NOEC for Algae / Aquatic Plants. 1640 mg/l Desmodesmus subspicatus

#### 12.2. Persistence and degradability:

<u>DIPHENYLMETHANE-4,4'-DIISOCYANATE</u> Solubility in water. mg/l 0,1 - 100 NOT rapidly biodegradable.

#### 12.3. Bio accumulative potential:

DIPHENYLMETHANE-4,4'-DIISOCYANATE Partition coefficient: n-octanol/water. 4,51

#### 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.

### **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.

## **14. TRANSPORT INFORMATION**

#### 14.1. UN number.

Not applicable.

Regulation (EC) nr. 1907/2006



22th of March 2018, SP04.00373 Rev. 1

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 MARPOL73/78 and the IBC Code.
  - Information not relevant.

## **15. REGULATORY INFORMATION**

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

Seveso category: None.

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

Point: 3

Contained substance. Point: 52 DIISONONYL PHTHALATE Point: 56 DIPHENYLMETHANE-4,4'-DIISOCYANATE Reg. no.: 01-2119457014-47-XXXX

#### Substances in Candidate List (Art. 59 REACH):

None.

- Substances subject to authorization (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.

#### German regulation on the classification of substances hazardous to water (VwVwS 2005).

WGK 1: Low hazard to waters

### 15.2. Chemical safety assessment

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

Regulation (EC) nr. 1907/2006



22th of March 2018, SP04.00373 Rev. 1

## **16. OTHER INFORMATION**

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

Carc. 2 - Carcinogenicity, category 2 Acute Tox. 4 - Acute toxicity, category 4 STOT RE 2 - Specific target organ toxicity - repeated exposure, category 2 Eye Irrit. 2 - Eye irritation, category 2 Skin Irrit. 2 - Skin irritation, category 2 STOT SE 3 - Specific target organ toxicity - single exposure, category 3 Resp. Sens. 1 - Respiratory sensitization, category 1 Skin Sens. 1 - Skin sensitization, category 1 H351 - Suspected of causing cancer. H332 - Harmful if inhaled. H373 - May cause damage to organs through prolonged or repeated exposure. H319 - Causes serious eye irritation. H315 - Causes skin irritation. H335 - May cause respiratory irritation. H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled. H317 - May cause an allergic skin reaction.

EUH204 - Contains isocyanates. May produce an allergic reaction.

Use descriptor system:

ERC 2 - Formulation of preparations

ERC 5 - Industrial use resulting in inclusion into or onto a matrix

ERC 8b - Wide dispersive indoor use of reactive substances in open systems

PC 1 - Adhesives, sealants

PC 21 - Laboratory chemicals

PROC 10 - Roller application or brushing

PROC 15 - Use as laboratory reagent

PROC 3 - Use in closed batch process (synthesis or formulation)

PROC 4 - Use in batch and other process (synthesis) where opportunity for exposure arises

PROC 5 - Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact)

PROC 8a - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at nondedicated facilities

PROC 8b - Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at dedicated facilities

PROC 9 - Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

SU 10 - Formulation [mixing] of preparations and/or re-packaging (excluding alloys)

SU 17 - General manufacturing, e.g. machinery, equipment, vehicles, other transport equipment

SU 19 - Building and construction work

#### 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 labelling 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** 

Regulation (EC) nr. 1907/2006



22th of March 2018, SP04.00373 Rev. 1

PBT: Persistent bio accumulative 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 Bio accumulative as for REACH Regulation WGK: Water hazard classes (German).

## GENERAL BIBLIOGRAPHY:

- 1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EU) 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

### Other information's:

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

The purpose of this safety sheet is to describe the products in terms of health and safety and not as a product specification, guaranteeing their properties.

The information on this Data Sheet is accurate to the best of our knowledge as to the proper use and handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with other products or any other process is the responsibility of the user.

The information does not form part of any contractual agreement. It remains the user's responsibility to adhere existing laws and regulations.

Issued by: Maria Manuel Santos/ INDASA Pt Contact: indasa@indasa.pt