

## Safety data sheet

according to 1907/2006/EC, Article 31 & 2020/878/EC

Printing date 29.11.2022

Version number 2

Revision: 29.11.2022

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

- **1.1 Product identifier**
- **Trade name:** DEGRAIS' MHP
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use SU3 Industrial uses:** Uses of substances as such or in preparations at industrial sites
- **Application of the substance / the preparation :** Cleaning agent/ Cleaner
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
**IPC**
- **10 Quai Malbert, 29200, BREST, FRANCE.**
- **Tel. : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53**
- **ipc@groupe-ipc.com**
- **1.4 Emergency telephone number:**  
France (INRS 24h/24) - Tel : +33 (0)1 45 42 59 59  
Ireland - Tel : 00 353 1 8092568 - 00 353 1 8379964 (24h/24) EU Tel: 112  
Belgium - Brüssel: +32 070/245 245  
UK : Call NHS 999 in a medical emergency. If you urgently need medical help or advice but it's not a life-threatening situation, call 111 (24/7). The NHS 111 number is currently only available in certain areas. If you're outside of these areas, you should call NHS Direct on 0845 4647  
Swiss Toxicological Information Centre (Zürich) : +41 44 251 51 51 / www.toxi.ch.

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008 :**  
The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** Not classified as hazardous
- **Hazard pictograms** Not classified as hazardous
- **Signal word** Not classified as hazardous
- **Hazard statements** Not classified as hazardous
- **Additional information:**  
EUH210 Safety data sheet available on request.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

· <b>Determination of endocrine-disrupting properties</b>	
CAS: 95-14-7 1,2,3-benzotriazole	List II Under evaluation

### SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture: consisting of the following components.

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· <b>Dangerous components:</b>		
CAS: 68439-51-0 EC number: 614-484-1	alcools laurique et myristique, éthoxylés, propoxylés Aquatic Chronic 3, H412	≤2.5%
Polymer	Ethoxylated alcohol ⚠ Eye Irrit. 2, H319	0-≤2.5%
Polymer	Polyalkyl ammonium salt ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319	0-≤1%
CAS: 95-14-7 EINECS: 202-394-1 RTECS: DM 1225000	1,2,3-benzotriazole ⚠ Aquatic Chronic 2, H411; ⚠ Acute Tox. 4, H302; Eye Irrit. 2, H319	<1%

· **Additional information:** For the wording of the listed risk phrases, refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Provide fresh air; consult a doctor in case of medical complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **4.2 Most important symptoms and effects, both acute and delayed :**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed :**  
No further relevant information available.

### SECTION 5: Firefighting measures

- **5.1 Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture :** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures :** Not required.
- **6.2 Environmental precautions:**  
Dilute with plenty of water.  
Do not allow the product to enter sewers/ surface water or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections :**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protective equipment.

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See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** : No special measures required.
- **Information about fire - and explosion protection**: No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles**: No special requirements.
- **Information about storage in one common storage facility**: Not required.
- **Further information about storage conditions**: None.
- **7.3 Specific end use(s)** : No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.

- **DNELs**

**CAS: 95-14-7 1,2,3-benzotriazole**

Oral	DNEL Public long-term systemic	0.54 mg/kg bw/d
Dermal	DNEL Worker long-term systemic	1.08 mg/kg bw/d
Inhalative	DNEL Worker long-term systemic	19 mg/m <sup>3</sup>
	DNEL Public long-term local effects	9.55 mg/m <sup>3</sup>

- **PNECs**

**CAS: 95-14-7 1,2,3-benzotriazole**

PNEC STP	39.4 mg/L
PNEC aqua (fresh water)	0.0194 mg/L
PNEC aqua (marine water)	0.0194 mg/L
PNEC sediment (fresh water)	0.00375 mg/kg
PNEC sediment (marine water)	0.00375 mg/kg
PNEC soil	0.003 mg/kg

- **Additional information:**

The most current valid lists have been used as a basis for the production of this document.

- **8.2 Exposure controls**
- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection**: Not required.

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· **Hand protection**

Protective gloves

- **Gloves material** : Butyl rubber, BR
- **Eye/face protection** Goggles recommended during refilling

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**

- |                                                                   |                          |
|-------------------------------------------------------------------|--------------------------|
| · <b>Physical state</b>                                           | Liquid                   |
| · <b>Form:</b>                                                    | Liquid                   |
| · <b>Colour:</b>                                                  | Blue green               |
| · <b>Odour:</b>                                                   | Characteristic           |
| · <b>Odour threshold:</b>                                         | Not determined.          |
| · <b>Melting point/freezing point:</b>                            | 0 °C                     |
| · <b>Boiling point or initial boiling point and boiling range</b> | 100 °C                   |
| · <b>Flammability</b>                                             | Not applicable.          |
| · <b>Lower and upper explosion limit</b>                          |                          |
| · <b>Lower:</b>                                                   | Not determined.          |
| · <b>Upper:</b>                                                   | Not determined.          |
| · <b>Flash point:</b>                                             | Not applicable.          |
| · <b>Ignition temperature:</b>                                    | Not applicable.          |
| · <b>Decomposition temperature:</b>                               | Not determined.          |
| · <b>pH at 20 °C</b>                                              | 9.0-9.7                  |
| · <b>Viscosity:</b>                                               |                          |
| · <b>Kinematic viscosity</b>                                      | Not determined.          |
| · <b>Kinematic:</b>                                               |                          |
| · <b>Dynamic:</b>                                                 | Not determined.          |
| · <b>Solubility</b>                                               |                          |
| · <b>water:</b>                                                   | Fully miscible.          |
| · <b>Partition coefficient n-octanol/water (log value)</b>        | Not determined.          |
| · <b>Vapour pressure at 20 °C:</b>                                | 23 hPa                   |
| · <b>Density and/or relative density</b>                          |                          |
| · <b>Density at 20 °C:</b>                                        | 1-1.05 g/cm <sup>3</sup> |
| · <b>Relative density :</b>                                       | Not determined.          |
| · <b>Vapour density :</b>                                         | Not determined.          |

· **9.2 Other information :**

- **Important information on protection of health and environment, and on safety.**
- **Auto-ignition temperature:** Product is not self igniting.
- **Explosive properties:** Product does not present an explosion hazard.
- **Solvent content:**
- **COV (CH) :** 0.00 %

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· <b>Change in condition</b>	
· <b>Evaporation rate :</b>	Not determined.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Not classified as hazardous
· <b>Flammable gases</b>	Not classified as hazardous
· <b>Aerosols</b>	Not classified as hazardous
· <b>Oxidising gases</b>	Not classified as hazardous
· <b>Gases under pressure</b>	Not classified as hazardous
· <b>Flammable liquids</b>	Not classified as hazardous
· <b>Flammable solids</b>	Not classified as hazardous
· <b>Self-reactive substances and mixtures</b>	Not classified as hazardous
· <b>Pyrophoric liquids</b>	Not classified as hazardous
· <b>Pyrophoric solids</b>	Not classified as hazardous
· <b>Self-heating substances and mixtures</b>	Not classified as hazardous
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Not classified as hazardous
· <b>Oxidising liquids</b>	Not classified as hazardous
· <b>Oxidising solids</b>	Not classified as hazardous
· <b>Organic peroxides</b>	Not classified as hazardous
· <b>Corrosive to metals</b>	Not classified as hazardous
· <b>Desensitised explosives</b>	Not classified as hazardous

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions :** No dangerous reactions known.
- **10.4 Conditions to avoid :** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### · **LD/LC50 values relevant for classification:**

CAS: 95-14-7 1,2,3-benzotriazole

Oral LD50 1,000-2,000 mg/kg (rat)

Dermal LD50 1,000-2,000 mg/kg (rat)

- **On the skin:** Based on available data, the classification criteria are not met.
- **On the eyes:** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitization** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.

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- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

· <b>Endocrine disrupting properties</b>		
CAS: 95-14-7	1,2,3-benzotriazole	List II Under evaluation

### SECTION 12: Ecological information

- **12.1 Toxicity**

· <b>Aquatic toxicity:</b>		
CAS: 95-14-7 1,2,3-benzotriazole		
LC50 96h	>55 mg/l	(fish)
EC50 72h	75 mg/l	(Crustaceans)
EC50 48h	>15.8 mg/l	(daphnia)

- **12.2 Persistence and degradability** : No further relevant information available.
- **12.3 Bioaccumulative potential** : No further relevant information available.
- **12.4 Mobility in soil** : No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT**: Not applicable.
- **vPvB**: Not applicable.
- **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.
- **12.7 Other adverse effects** : No further relevant information available.
- **Additional ecological information:**

- **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water



Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation** : Smaller quantities can be disposed of with household waste.

· <b>European waste catalogue</b>	
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 02	plastic packaging
07 00 00 WASTES FROM ORGANIC CHEMICAL PROCESSES	
07 06 00	wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics
07 06 01*	aqueous washing liquids and mother liquors

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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### SECTION 14: Transport information

- |                                                                                             |                 |
|---------------------------------------------------------------------------------------------|-----------------|
| · <b>14.1 UN number or ID number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                       | none            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | none            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | none            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | none            |
| · <b>14.5 Environmental hazards:</b>                                                        | Not applicable. |
| · <b>14.6 Special precautions for user</b>                                                  | Not applicable. |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b>                       | Not applicable. |
| · <b>UN "Model Regulation":</b>                                                             | none            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

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· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

*Classification in accordance with Delegated Regulation (EU) 2021/849 of 28 May 2021 adapting to technical and scientific progress GB CLP for the 17th time and amending table 3 of Annex VI part 3 of Regulation (EC) 1272/2008.*

· **Relevant phrases***H302 Harmful if swallowed.**H315 Causes skin irritation.**H319 Causes serious eye irritation.**H411 Toxic to aquatic life with long lasting effects.**H412 Harmful to aquatic life with long lasting effects.*· **Date of previous version:** 29.11.2022· **Abbreviations and acronyms:***ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**GHS: Globally Harmonised System of Classification and Labelling of Chemicals**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**VOCV: Lenkungsabgabe auf flüchtigen organischen Verbindungen, Schweiz (Swiss Ordinance on volatile organic compounds)**DNEL: Derived No-Effect Level (UK REACH)**PNEC: Predicted No-Effect Concentration (UK REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**PBT: Persistent, Bioaccumulative and Toxic**vPvB: very Persistent and very Bioaccumulative**Acute Tox. 4: Acute toxicity – Category 4**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2**Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*