## 1. IDENTIFICATION OF THE PRODUCT AND OF THE MANUFACTURER OR SUPPLIER

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|---|---|
| Commercial name | HERTZ CLARYFIX CL-04 PROTEIN |
| Product code | CL-04 |
| Product type | Dry clarification and stabilization preparation |
| Identified use | Processing preparation for professional treatment, clarification or stabilization of food products and beverages. |
| Manufacturer / supplier | REAX Limited Liability Company (REAX LLC) |
| Legal address | 86A Obukhovskoy Oborony Ave., Saint Petersburg, 192029, Russian Federation |
| Contact details | info@reaxgroup.ru; https://hrtz.store |
| Emergency telephone | 112; regional poison centre |
| Product standard | STO REAX LLC 93355948-001-2025 |

## 2. HAZARDS IDENTIFICATION

| | |
|---|---|
| Classification | Not classified as a hazardous mixture based on available data |
| Signal word | Not required |
| Pictograms | Not required |
| Hazard statements | No mandatory hazard statements assigned. |
| Precautionary statements | Avoid generating dust or aerosol. Observe good industrial hygiene; use eye protection and gloves for prolonged handling. |
| Other hazards | Dust may mechanically irritate the eyes and respiratory tract; organic powders may form a combustible dust-air mixture. Protein ingredients may cause individual allergic reactions; lysozyme is associated with egg allergen. |

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

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|---|---|
| Chemical characterization | Food-processing preparation. Only ingredients relevant to hazard classification and safe handling are listed below. |
| Hazard-relevant ingredients | Protein processing ingredient; individual allergic reactions are possible. |
| CAS / EC | Not applicable to the mixture |
| Exposure limit | No product-specific exposure limit has been established. |

## 4. FIRST-AID MEASURES

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|---|---|
| Inhalation | Move to fresh air. Obtain medical advice if irritation persists. |
| Skin contact | Remove contaminated clothing and wash skin with soap and water. Obtain medical advice if irritation occurs. |
| Eye contact | Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if easy to do. Obtain medical advice if irritation persists. |
| Ingestion | Rinse mouth and give a small amount of water. Do not induce vomiting. Obtain medical advice if unwell. |

## 5. FIRE-FIGHTING MEASURES

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|---|---|
| Suitable extinguishing media | Water fog, foam, dry powder or CO2, as appropriate for the surrounding fire. |
| Unsuitable extinguishing media | Do not use a solid water jet that may disperse dust or spread the product. |
| Specific hazards | A dust-air mixture of organic ingredients may ignite. Prevent dust dispersion and eliminate ignition sources. |
| Protective equipment for firefighters | Wear self-contained breathing apparatus and full protective clothing in a fire. |

## 6. ACCIDENTAL RELEASE MEASURES

Avoid generating dust. Do not use compressed air or dry sweeping. Collect with an industrial vacuum fitted with an effective filter or carefully transfer mechanically into a closed container; remove residues by a wet method.

## 7. HANDLING AND STORAGE

| | |
|---|---|
| Safe handling | Use with adequate ventilation. Do not eat, drink or smoke in the work area. Avoid eye contact and prolonged skin contact. Add without generating dust; do not use compressed air. Where significant organic dust may form, ground equipment and eliminate ignition sources. |
| Storage conditions | Store in tightly closed original packaging in a cool, dry, well-ventilated place. Protect from moisture, direct sunlight, heat and unauthorized access. |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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|---|---|
| Engineering controls | General ventilation; local exhaust where dust, concentrate transfer or aerosol formation may occur. |
| Respiratory protection | Normally not required in the absence of dust or aerosol; use at least a P2 particulate respirator where dust may occur. |
| Hand protection | Protective gloves; nitrile gloves for prolonged contact. |
| Eye/face protection | Safety glasses. |
| Skin protection and hygiene | Work clothing; wash hands after handling. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| Physical state | Powder or fine granules |
| Appearance | Homogeneous dry powder or fine granules; colour according to product specification. |
| Odour | Weak characteristic odour of the raw materials. |
| pH | Not applicable to the dry product; pH of an aqueous suspension is according to product specification. |
| Solubility | Not fully soluble; forms a suspension or dispersion in water. |
| Flash point | Not applicable; the product is not a flammable liquid. |
| Explosive properties | Quantitative dust-explosion parameters have not been established; avoid dust clouds. |

## 10. STABILITY AND REACTIVITY

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|---|---|
| Chemical stability | Stable in closed packaging under the stated storage and handling conditions. |
| Possibility of hazardous reactions | Hazardous polymerization is not expected. Reactions may occur on contact with incompatible materials. |
| Conditions to avoid | Moisture, excessive heat and direct sunlight; for powders, dust formation and ignition sources. |
| Incompatible materials | Strong oxidizing agents. |
| Hazardous decomposition products | Fire may generate carbon and nitrogen oxides; decomposition products depend on the ingredients. |

## 11. TOXICOLOGICAL INFORMATION

Test data for the finished mixture are limited; the assessment is based on known ingredient properties. Dust may mechanically irritate the eyes, skin and upper respiratory tract. Protein ingredients may cause individual allergic reactions; lysozyme is associated with egg allergen.

## 12. ECOLOGICAL INFORMATION

No significant environmental hazard is expected under normal handling. Prevent uncontrolled release of concentrate or large quantities of powder.

## 13. DISPOSAL CONSIDERATIONS

Dispose of product and packaging in accordance with local requirements, taking actual contamination into account. Do not wash large quantities into drains or surface waters.

## 14. TRANSPORT INFORMATION

| | |
|---|---|
| UN number | Not assigned |
| Road / rail transport | Not classified as dangerous goods. |
| Sea transport | Not classified as dangerous goods. |
| Air transport | Not classified as dangerous goods. |

## 15. REGULATORY INFORMATION

| | |
|---|---|
| GHS label elements | Pictograms: Not required; signal word: Not required. |
| H- / EUH-statements | No mandatory hazard statements assigned. |
| Precautionary statements | Avoid generating dust or aerosol. Observe good industrial hygiene; use eye protection and gloves for prolonged handling. |
| Regulatory references | GOST 30333-2007 (in force on the issue date); GOST 30333-2022 (adopted, effective in the Russian Federation from 1 September 2027); GOST 32419-2022; GOST 32423-2013; GOST 32425-2013; GOST 31340-2022; TR CU 021/2011 and TR CU 029/2012 where applicable. |
| Technical documentation | STO REAX LLC 93355948-001-2025 |

## 16. OTHER INFORMATION

The information contained in this Safety Data Sheet is believed to be true and reliable as of the issue date. However, its accuracy, completeness and any recommendation or suggestion are provided without additional obligation or warranty. Since conditions of use are beyond the manufacturer's control, the user is responsible for determining conditions for safe handling of the product. This Safety Data Sheet is not an analytical product specification; quality parameters and specifications are provided in the product technical data sheet and certificate of analysis.

The form and section sequence of this Safety Data Sheet follow ISO 11014:2009, confirmed by ISO in 2025, and GOST 30333-2007, which is in force in the Russian Federation on the issue date. The adopted subsequent edition GOST 30333-2022, effective in the Russian Federation from 1 September 2027, has also been considered. For international structure, Annex II to Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2020/878, has been taken into account.

Approval date 01.09.2026

End of document

РОССИЙСКАЯ ФЕДЕРАЦИЯ
ОБЩЕСТВО С ОГРАНИЧЕННОЙ ОТВЕТСТВЕННОСТЬЮ «РЕАКС»
ИНН 2370017732 КПП 237001001 ОГРН 1252300064004
ДЛЯ ДОКУМЕНТОВ
Г. САНКТ-ПЕТЕРБУРГ