

SAFETY DATA SHEET



ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 1. IDENTIFICATION

Product name ProMTag Capture Resin

Manufacturer or supplier's details

Company Impact Proteomics, LLC

Telephone (412) 206-9735

Responsible Department Impact Proteomics, LLC
1406 Browning Rd.
Pittsburgh PA USA
Tel: (412) 206-9735

Email address info@impactproteomics.com

Emergency telephone 1-800-255-3924
ChemTel Chemical Emergency Response Hotline

Recommended use of the chemical and restriction on use

Recommended use Laboratory chemicals

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Not a hazardous substance or mixture

GHS Label elements, including precautionary statements

Not a hazardous substance or mixture

Hazards not otherwise classified (HNOC) or not covered by GHS

Not a hazardous substance or mixture

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture Substance

Substance Name ProMTag Capture Resin

| Component | Classification | Concentration |
|----------------------------|----------------|---------------|
| TCO agarose CAS-No. N/A | N/A | 100% |

SAFETY DATA SHEET



ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 4. FIRST AID MEASURES

| | |
|-------------------------|--|
| General advice | Show this material safety data sheet to the doctor in attendance. |
| If inhaled | Not expected to be an inhalation hazard under anticipated conditions of normal use. |
| In case of skin contact | Wash off immediately with soap and water. |
| In case of eye contact | Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes. |
| If swallowed | Not expected to present a ingestion hazard under anticipated conditions of normal use. Seek medical advice if you feel unwell. |

SECTION 5. FIRE-FIGHTING MEASURES

| | |
|---------------------------------------|--|
| Suitable extinguishing media | Water spray, carbon dioxide (CO ₂), foam, dry chemical |
| Specific hazards during fire fighting | Standard procedure for chemical fires. |
| Hazardous combustion products | No hazardous combustion products are known |
| Further information | N/A |

SAFETY DATA SHEET



ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|--|
| Personal precautions, protective equipment and emergency procedures | Ensure adequate ventilation. Always wear recommended personal protective equipment. See section 8 for more detail. |
| Methods and materials for containment and cleaning up | Take up mechanically. Place in appropriate containers for disposal. |
| Environmental precautions | No special environmental precautions required. |

SECTION 7. HANDLING AND STORAGE

| | |
|--|--|
| Precautions for safe handling | Always wear personal protective equipment. No special handling advice is required. |
| Conditions for safe storage, including any incompatibilities | Store in a dry, cool, well-ventilated area. |

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| Component | CAS-No. | Value | Control parameters | Basis |
|-------------|---------|-------|--------------------|-------|
| TCO agarose | N/A | N/A | N/A | N/A |

No additional information available.

Exposure Controls

Occupational exposure controls: Contains no substances with occupational exposure limit values.

Personal protective equipment

Wear protective gloves and eye protection

| | |
|--------------------------|--|
| Eye protection | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses. |
| Skin and body protection | Choose body protection according to the amount and concentration of the dangerous substance at the workplace. Footwear protecting against chemicals. |
| Hygiene measures | Keep away from food and drink. When using do not eat, drink, or smoke. |

ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--------------------------|---------------------------------|
| Appearance | Off-white slurry |
| Physical state | Solid |
| Odor | Not available |
| Odor Threshold | Not available |
| pH | N/A |
| Melting point/range | Not available |
| Boiling point/range | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid gas) | No data available |
| Explosion limits | No data available |
| Vapor pressure | No data available |
| Vapor density | No data available |
| Density | No data available |
| Partition coefficient | No data available |
| Solubility in water | DMSO, DMF, DCM, THF, Chloroform |

SECTION 10. STABILITY AND REACTIVITY

| | |
|------------------------------------|--|
| Reactivity | None known. |
| Chemical stability | This product is chemically stable under standard ambient conditions. |
| Possibility of hazardous reactions | None known. |
| Conditions to avoid | No information available. |
| Incompatible materials | No dangerous reaction known under conditions of normal use. |
| Hazardous decomposition products | No data available. |

SAFETY DATA SHEET



ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 11. TOXICOLOGICAL INFORMATION

| | |
|--|--------------------|
| Acute toxicity | No data available. |
| Irritation | No data available |
| Corrosivity | No data available |
| Sensitization | No data available |
| Repeated dose toxicity | No data available |
| Carcinogenicity | No data available |
| Mutagenicity | No data available |
| Specific Target Organ Toxicity from single exposure | No data available |
| Specific Target Organ Toxicity from Repeated Exposure | No data available |
| Aspiration hazard | No data available |
| Additional toxicology information | No data available |

SECTION 12. Ecological Information

| | |
|---------------------------------------|--|
| Toxicity | Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants. |
| Persistence and degradability | No information available |
| Bioaccumulative potential | No information available |
| Mobility in soil | No information available |
| Results of PBT and vPvB assessment | This substance does not contain any substances that are assessed to be a PBT or a vPvB. |
| Other adverse effects | No information available |

SAFETY DATA SHEET



ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues/unused product

Waste material must be disposed of in accordance with the national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

SAFETY DATA SHEET



ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 14. TRANSPORT INFORMATION

Transportation by land – Department of Transportation (DOT, United States of America)

| | |
|--------------------------|-----|
| UN number | N/A |
| UN proper shipping name | N/A |
| Transport hazard class | N/A |
| Packaging group | N/A |
| Reportable Quantity (RQ) | N/A |

Transportation by air – International Air Transport Association (IATA)

| | |
|-------------------------|-----|
| UN number | N/A |
| UN proper shipping name | N/A |
| Transport hazard class | N/A |
| Packaging group | N/A |

SECTION 15. REGULATORY INFORMATION

Occupational Safety and Health Administration Hazards

Not listed

SARA 304 Extremely Hazardous Substances Reportable Quantity

This product is not regulated by SARA.

SARA 313 Toxic Release Inventory (TRI)

Listed: Ethyl Alcohol

California Proposition 65

This product does not contain any Proposition 65 chemicals.

ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

SECTION 16. OTHER INFORMATION

Document Revision

Last Revision Date: 3/7/24

Full text of other abbreviations

(Q)SAR - (Quantitative) Structure Activity Relationship; ASTM - American Society for the Testing of Materials; bw - Body weight; DIN - Standard of the German Institute for Standardization; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organization for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; DOT - Department of Transportation; EHS - Extremely Hazardous Substance; HMIS - Hazardous Materials Identification System; MSHA - Mine Safety and Health Administration; NFPA - National Fire Protection Association; RCRA - Resource Conservation and Recovery Act; RQ - Reportable Quantity; SARA - Superfund Amendments and Reauthorization Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice; ERG - Emergency Response Guide; NTP - National Toxicology Program; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods

SAFETY DATA SHEET



ProMTag Capture Resin

Version 1.2

Revised: March 7, 2024

DISCLAIMER

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and Impact Proteomics, LLC. assumes no legal responsibility or liability whatsoever resulting from its use.