

SAFETY DATA SHEET

Section 1: Identification

Product identifier:

Storage Buffer

Product numbers: Product numbers range: 1000-00 — 1133-99; 5001-01 — 5006-99; Custom-1

Recommended use of the chemical and restrictions on use:

Aqueous preparation for research and analysis. Restricted to professional users.

Details of the supplier of the safety data sheet:**Manufacturer:**

immunAware

Agern Alle 1 Tel.: (+45) - 9356 5551

DK-2970 Hørsholm

Denmark

Responsible for SDS (e-mail): to@immunAware.com**US importer:****Emergency phone number:**

Poison Emergency call 1-800-222-1222 (anywhere in the US)

CHEMTREC Tel. No.US: 1-800-424-9300

Section 2: Hazard(s) identification

Classification of the chemical:

None

Signal word

None

Pictogram(s)/Symbol(s)

None

Hazard statement(s)

None.

Precautionary statement(s)

None

Other hazards not otherwise classified:

Must always be handled with utmost care.

Ingredients with unknown acute toxicity:

Not relevant.

Section 3: Composition/Information on Ingredients

Mixtures: Aqueous solution of human meteorin.

% w/w	Substance name	CAS No.	Note
<30	Glycerol	56-81-5	-
< 1	TRISmaleate salt	72200-76-1	-

Section 4: First-Aid Measures

Description of necessary measures:

Inhalation: Move the affected person to fresh air. Keep at rest. If needed: Seek medical advice.

Skin contact: Remove contaminated clothing and wash skin with water and mild soap. If irritation occur: Seek medical advice.

Eye contact: Flush with water or physiological salt water, holding eye lids open, remember to remove contact lenses, if any. If irritation persists: Seek medical advice.

Ingestion: Rinse mouth and drink plenty of water. **Do not induce vomiting.** Keep at rest. Get medical attention if any discomfort continues.

Most important symptoms/effects, acute and delayed:

May cause slight irritation of skin and eyes.

Indication of immediate medical attention and special treatment needed:

Show this safety data sheet to a physician or emergency ward. Treat symptomatically.

Section 5: Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media:

Dry-powder, water mist (never water jet), alcohol resistant foam or carbon dioxide (CO₂).

Specific hazards arising from the chemical:

Not combustible. In case of surrounding fire, the product may form hazardous decomposition products.

Special protective equipment and precautions for fire-fighters:

When extinguishing fires use breathing apparatus with an independent source of air.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures:

Use personal protective equipment - see section 8.

Do not empty into drains. Inform appropriate authorities in accordance with local regulations.

Methods and materials for containment and cleaning up:

Collect and dispose of as chemical waste. Flush area of spill with water. Further handling of spillage - see section 13.

Section 7: Handling and Storage

Precautions for safe handling:

Provide adequate ventilation. Avoid contact with skin and eyes. Remove contaminated clothes. Wash with water and soap after work. Do not eat, drink, or smoke during use.

Conditions for safe storage, including any incompatibilities:

In sealed container at a cool location. Store securely and out of reach of unauthorized personnel and separated from food, feed, drugs etc.

Section 8: Exposure Controls/Personal Protection

OSHA Permissible Exposure Limits (PEL):

None.

Other exposure limit used or recommended: None known.

Appropriate engineering controls (e.g., use local exhaust ventilation, or use only in an enclosed system):

Provide adequate ventilation (eg. fume hood) in working areas to keep airborne concentrations low.

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Individual protection measures, such as personal protective equipment (PPE):

PPE must follow OSHA regulations found in 29 CFR 1910.132 and should be chosen in collaboration with the supplier of such equipment. The recommended PPE and the specified standards are only suggestions, as a risk assessment of the relevant current work/operation may lead to other control measures.

Eye/face protection

Wear tight fitting safety goggles (as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or EN 166).

Skin/hand protection

By prolonged contact: Wear protective gloves of for instance nitrile rubber. Breakthrough time of the ingredients is not available. Discard gloves at any suspicion of contamination.

Respiratory protection

Respiratory equipment is normally not required.

Section 9: Physical and Chemical Properties

Appearance (physical state, color, etc.):	Liquid
Odor:	Colourless
Odor threshold:	Not determined
pH:	Neutral
Melting point/freezing point (°C):	~ 0
Initial boiling point and boiling range (°C):	~ 100
Flash point (°C):	> 93
Evaporation rate:	Not determined
Flammability (solid, gas):	Not relevant
Upper/lower flammability or explosive limits (vol-%):	Not determined
Vapor pressure:	Not determined
Vapor density:	Not determined
Relative density:	Not determined
Solubility(ies):	Soluble in water
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature (°C):	Not determined
Decomposition temperature (°C):	Not determined
Viscosity:	Not relevant

Section 10: Stability and Reactivity

Reactivity:

No available information.

Chemical stability:

Stable under normal conditions and recommended use.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

Strong heating.

Incompatible materials:

No available information.

Hazardous decomposition products:

When heated to high temperatures (decomposition), the product emits very toxic fumes.

Section 11: Toxicological Information

Information on toxicological (health) effects:

No relevant toxicological data available.

Likely routes of exposure: Inhalation, skin and ingestion.

Symptoms:**Inhalation:**

Vapours may cause irritation to the airways.

Skin Contact:

May cause slight irritation with redness.

Eye Contact:

May cause slight irritation with redness.

Ingestion:

May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.

Delayed (chronic) effects:

None known.

Acute Toxicity

No available data/insufficient data

Mutagenic toxicity

No available data/insufficient data.

Section 11: Toxicological Information (continued)

Reproductive toxicity

No available data/insufficient data.

Carcinogenic toxicity

No available data/insufficient data.

Substances are not mentioned on NTP's Report on Carcinogens (RoC), latest ed.

Substances are not found to be potential carcinogens in IARC Monographs, or by OSHA.

Specific Target Organ Toxicity

No known effects.

Section 12: Ecological Information

Ecotoxicity:

No available data/insufficient data.

Persistence and degradability

No available data/insufficient data.

Bioaccumulative potential

No available data/insufficient data.

Mobility in soil

No available data/insufficient data.

Other adverse effects

None known.

Section 13: Disposal Considerations

Disposal considerations

Dispose of contents/container in accordance with applicable local/regional/national/international regulations. See Section 8 for guidance on PPE.

Incinerate and dispose of waste product in a permitted waste incineration facility/industrial waste facility.

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14: Transport Information

Not dangerous goods according to US DOT.

UN-no.: None.

UN proper shipping name: None.

Hazard Class: None.

Packing Group: None.

IMDG: None.

Canadian Transportation of Dangerous Goods (TDG): None.

Section 15: Regulatory Information

US Federal Regulations

NATIONAL INVENTORY STATUS - U.S. Inventory (TSCA):

All ingredients are listed on TSCA inventory.

TSCA section 12b:

None of the chemicals in the product are listed.

SARA Title III (Superfund Amendments and Reauthorization Act)

SARA Title III Sect. 302 Extremely Hazardous Substances (40 CFR 355):

None of the chemicals are listed.

SARA Title III Sect. 311/312 Extremely Hazardous Categories (40 CFR 370.21):

Immediate Hazard: None of the chemicals are listed.

Clean Air Act:

This product does not contain any hazardous air pollutants, no class 1 Ozone depleters and no class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances, as Priority Pollutants or as Toxic Pollutants under the CWA.

STATE REGULATIONS:

Proposition 65: This material is not known to contain any chemicals currently listed as carcinogens or reprotoxic.

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Section 16: Other Information

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists

AIHA = American Industrial Hygiene Association Workplace Environmental Exposure Level (WEEL)

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

CMR = Carcinogenicity, mutagenicity, and reproductive toxicity.

EC₅₀ = Effect Concentration 50%

FW = Fresh Water

LC₅₀ = Lethal Concentration 50%

LD₅₀ = Lethal Dose 50%

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

STEL = Short-term exposure limits

Literature:

ECHA = REACH Registration dossier from ECHA's home page.

Other information:

No special training is required. However, the user should be well instructed in the execution of his/her task, be familiar with this Safety Data Sheet and have normal training in the use of personal protective equipment.

The above information, which is accurate to the best of our knowledge and belief, describes the safety aspects of our product but does not warrant any product properties.

Changes since the previous edition:

Not relevant.

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