

Material Safety Data Sheet

Catalog No :	Product Name
A50020	Lamotrigine

Identification of Substance:

Application of the substance/the preparation: For Research Use Only.
It is not intended for food, drug, household, agricultural or cosmetic use.

Unit Size: order demand

Components: Microplate,
reagents contain Proclin 300, Sodium azide, Tetramethylbenzidine

Hazard Identification:

Classification of the substance or mixture: **GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**
Acute toxicity, Oral (Category 4), H302
Acute aquatic toxicity (Category 1), H400
Chronic aquatic toxicity (Category 1), H410

GHS Label elements, including precautionary statements: Signal word Danger
Hazard statement(s)
H302 Harmful if swallowed.
H410 Very toxic to aquatic life with long lasting effects.
Precautionary statement(s)
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release to the environment.
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth. P391 Collect spillage.
P501 Dispose of contents/ container to an approved waste disposal plant

Other hazards: none

First Aid Measures:

IF IN EYES: Remove any contact lenses, locate eye-wash station, and flush eyes immediately with large amounts of water. Separate eyelids with fingers to ensure adequate flushing. Promptly call a physician.

IF ON SKIN (or hair): Rinse skin thoroughly with large amounts of water. Remove contaminated clothing and shoes and call a physician.

IF INHALED: Immediately relocate self or casualty to fresh air. If breathing is difficult, give cardiopulmonary resuscitation (CPR). Avoid mouth-to-mouth resuscitation.

IF SWALLOWED: Wash out mouth with water; Do NOT induce vomiting; call a physician.

Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labelling (see section 2.2).

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Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Fire Fighting Measures:

Suitable extinguishing agents: Use water spray, foam, dry chemical or carbon dioxide.

Hazards from the substance or mixture: During combustion, may emit irritant fumes.

Special precautions for fire-fighters: Wear self-contained breathing apparatus and protective clothing.

Accidental Release Measures:

Person-related safety precautions: Use full personal protective equipment. Avoid breathing vapors, mist, dust or gas. Ensure adequate ventilation. Evacuate personnel to safe areas

Measures for environmental protection: Try to prevent further leakage or spillage. Keep the product away from drains or water courses

Measures for containment and cleaning: Absorb solutions with finely-powdered liquid-binding material (diatomite, universal binders); Decontaminate surfaces and equipment by scrubbing with alcohol;

Handling and Storage:

Precautions for safe handling: Avoid inhalation, contact with eyes and skin. Avoid dust and aerosol formation. Use only in areas with appropriate exhaust ventilation.

Conditions for safe storage: Keep container tightly sealed in cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.
Recommended storage temperature: Powder -20°C 3 years

°C 2 years

n solvent -80°C 6 months

20°C 1 month

Shipping at room temperature if less than 2 weeks

Specific end use(s) No data available.

Exposure Controls and Personal Protection:

Control parameters: **Components with workplace control parameters**
This product contains no substances with occupational exposure limit values.

Engineering controls: Ensure adequate ventilation. Provide accessible safety shower and eye wash station.

Personal protective equipment:	Eye protection	Safety goggles with side-shields.
	Hand protection	Protective gloves.
	Skin and body protection	Impervious clothing.
	Respiratory protection	Suitable respirator.
	Environmental exposure controls	Keep the product away from drains, water courses or the soil. Clean spillages in a safe way as soon as possible.

Physical and Chemical Properties:

Appearance: Solid

Upper/lower flammability or explosive limits:

Not available

Odor: Not available

Vapor density: Not available

Odor threshold: Not available

Boiling point/Boiling range: Not available

Partition coefficient: octanol/water: Not available

Flash point: Not available

Auto igniting: Not available

Evaporation rate: Not available

Decomposition temperature: Not available

Vapor pressure: Not available

pH: Not available

Relative density: Not available

Melting point/freezing point: Not available

Solubility in/Miscibility with Water: Not available

Flammability (solid, gas): Not available

Viscosity: Not available

Oxidizing properties: Not available

Explosive properties: Not available

Stability and Reactivity:

Reactivity: Not available

Chemical Stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Not available

Conditions to avoid: Not available

Incompatible materials: Strong acids/alkalis, strong oxidising/reducing agents.

Hazardous decomposition products: Under fire conditions, may decompose and emit toxic fumes.
Other decomposition products - no data available.

Ecological Information:

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

Disposal Considerations:

Disposal methods: Dispose substance in accordance with prevailing country, federal, state and local regulations.

Contaminated packaging: Conduct recycling or disposal in accordance with prevailing country, federal, state and local regulations.

Note: To the best of our knowledge, the information contained herein is accurate. AAB Biosciences, Inc. shall not be held liable for any damage resulting from handling or contact with the above product. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.
