



MATERIAL SAFETY DATA SHEET

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Gabapentin
Substance Name: 1-(Aminomethyl) Cyclohexane Acetic Acid
CAS NO.: 60142-96-3
MF: C₉H₁₇NO₂
M.W: 171.2

SECTION 2 – HAZARDOUS IDENTIFICATION

Emergency Overview: Avoid contact and inhalation.
HMIS Rating: Health: 4; Flammability: 0; Reactivity: 0
For additional information on toxicity, please refer to section 11.

SECTION 3 – COMPOSITION AND INGREDIENTS

Name	CAS#	% by weight
Gabapentin	60142-96-3	100

SECTION 4 – FIRST AID MEASURES

Oral Exposure: If swallowed, wash out mouth with water provided person is conscious, call a physician.
Inhalation Exposure: If inhaled, remove to fresh air. If not breathing, give artificial respiration, if breathing becomes difficult, give oxygen, call a physician.
Dermal Exposure: In case of contact, immediately wash skin with soap and copious amounts of water. Remove contaminated clothing and shoes. Call a physician.
Eye Exposure: In case of contact with eyes, flush with copious amount of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

SECTION 5 – FIRE/EXPLOSION DATA AND MEASURES

Flash Point: N/A
Autoignition Temp.: N/A
Extinguishing Media: Suitable: water spray, carbon dioxide, dry chemicals powder, or appropriate foam.
Firefighting: Protective equipment: wear self-contained breathing apparatus and protective clothing prevent contact with skin and eyes. Specific hazard(s): emit toxic under fire condition.



SECTION 6 – ACCIDENTAL RELEASE MEASURES

Procedure of Personal Precaution: Exercise appropriate precautions to minimize direct contact with skin or eyes and event inhalation of dust.

Methods for Cleaning Up: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 – HANDLING AND STORAGE

Handling: User Exposure: avoid inhalation. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated exposure.

Storage: Suitable: keep tightly closed, Store in a cool dry place.

SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required

Personal Protective Equipment:

Respiratory: wear dust mask

Hand: Protective gloves.

Eye: chemical safety goggles.

General Hygiene Measures: Wash thoroughly after handling.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White or off-white powder

Odor: Odorless

Physical Properties: Melting point: 160°C-167°C

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Materials to Avoid: Strong oxidizing agents

Hazardous Decomposition Products: Hazardous decomposition products: Carbon monoxide. Carbon dioxide, Nitrogen Oxides.

Hazardous Polymerization: Hazardous Polymerization: will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

Skin contact: May cause skin irritation.

Skin absorption: may be harmful if absorbed through the skin

Eye contact: may cause eye irritation

Inhalation: may be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.

Ingestion: may be harmful if swallowed.



SECTION 12 – ECOLOGICAL INFORMATION

NO DATA AVAILABLE

SECTION 13 – DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber; Observe all federal, state, and local environmental regulations.

SECTION 14 – TRANSPORTATION INFORMATION

DOT

Proper shipping name: None

Non-Hazardous for transport: This substance is considered to be non-hazardous for transport.

IATA

Non-Hazardous for air transport

SECTION 15 – OTHER REGULATORY INFORMATION

Safety statements: Do not breathe dust. Avoid contact with skin and eyes.

Disclaimer: For R&D use only. Not for drug, household or other uses

Warranty: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.