

SAFETY DATA SHEET

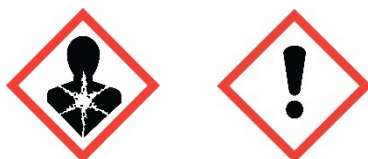
SECTION 1: PRODUCT IDENTIFICATION

Product Name: AAV Ratio Kit
 Gator Part Number: 350004
 Unit of Measure: Box
 Recommended Use: Laboratory reagent, for research and development use only. Not for human or animal therapeutic or diagnostic use.
 Manufacturer/Supplier: Gator Bio, 2455 Faber Place, Palo Alto, CA 94303 USA
 Phone: 1-855-208-0743

SECTION 2: HAZARDS IDENTIFICATION

Classification of the mixture (Kit):
 This product is a kit containing multiple components. The hazard classification is based on the hazardous component, AAV Ratio Substrate Solution (15mL).

OSHA HazCom 2012: Acute toxicity (oral) Category 2
 Specific target organ toxicity (single exposure) Category 2



Pictogram(s):

Signal word: Warning

Hazard Statement(s): Harmful if swallowed.
 May cause damage to organs.

Precautionary Statement(s):
 Prevention:

Do not breathe vapor/spray.
 Wash hands, forearms and face thoroughly after handling.
 Do not eat, drink or smoke when using this product.
 IF exposed or concerned: Call a POISON CENTER/doctor.
 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 Rinse mouth

Response:

Storage:

Store locked up

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulations

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture: Mixture

Chemical Name	CAS Number	Concentration (w/v%)
Trade secret component*		7-10%

* The specific chemical component identities and/or the exact component percentages of this material have been withheld as trade secrets in accordance with the provisions of 29 CFR 1910.1200(i). This information is made available to health professionals, employees, and designated representatives in accordance with the applicable provisions of 29 CFR 1910.1200(i)(1).



SECTION 4: FIRST-AID MEASURES

Eye Contact:	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. If necessary, call a poison center or physician.
Skin Contact:	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention following exposure or if feeling unwell. If necessary, call a poison center or physician. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion:	Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention following exposure or if feeling unwell. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing measures appropriate for the surrounding fire, such as water spray, dry chemical, carbon dioxide, or foam.
Specific Hazards Arising from the Chemical:	In a fire or if heated, a pressure increase will occur and the container may burst.
Hazardous decomposition products in case of fire:	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Special Protective Equipment and Precautions:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Non-emergency Personnel:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Emergency Responders:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For nonemergency personnel".



Protective Equipment:	Wear appropriate personal protective equipment as outlined in Section 8.
Spill and Cleaning Up:	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Environmental Precautions:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling:	Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Hygiene measures:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for Safe Storage:	Store between the following temperatures: 2 to 8°C (35.6 to 46.4°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure limits:	None established for this mixture.
Personal protection measures:	
- Eye/Face Protection:	Chemical safety goggles.
- Skin Protection:	Wear appropriate chemical-resistant gloves (e.g., nitrile) and a lab coat.
- Respiratory Protection:	Normal lab ventilation.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Odor:	Not available
pH:	5 to 5.4
Initial Boiling Point/Range:	> 178°F (estimated value)
Flash point:	Closed vial: >212°C
Flammability (solid, gas):	Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability:	Stable under recommended storage conditions.
Possible Hazardous Reactions:	No dangerous reactions known under normal conditions of use.
Condition to avoid:	No specific data.
Hazardous decomposition:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.



SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:	Harmful if swallowed. Harmful if inhaled.
Skin Corrosion/Irritation:	Not classified.
Serious Eye Damage/Irritation:	Moderate eye irritation.
Respiratory or Skin Sensitization:	Not classified.
Germ Cell Mutagenicity:	Not classified.
Carcinogenicity:	Not classified.
Reproductive Toxicity:	Not classified.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Persistence and Degradability:	No additional information available.
Bioaccumulative Potential:	No additional information available.
Mobility in Soil:	No additional information available.
Other Adverse Effects:	No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods:	Dispose of contents and containers in accordance with local, regional, national, and international regulations. Chemical waste generators must determine if a discarded chemical is classified as a hazardous waste.
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Section 14: TRANSPORT INFORMATION

DOT (US):	Not regulated as a hazardous material.
IATA:	Not regulated as a hazardous material.
IMDG:	Not regulated as a hazardous material.
Special Precautions:	Not applicable.
Hazard Class:	Not determined.
Identification Number:	Not determined.
Packing Group:	Not classified.

SECTION 15: REGULATORY INFORMATION

SARA 313: This product does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Proposition 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: OTHER INFORMATION

SDS Creation Date: November 5, 2025

Disclaimer: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their purposes. In no event shall Gator Bio be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages, howsoever arising, even if Gator Bio has been advised of the possibility of such damages.