Safety Data Sheet

ION Lithium Green-1 (ILG-1) AM

SECTION 1: Identification of the Substances and the Company/Undertaking

Identification of the Substance

Product Name: ILG-1 AM **CAS No.:** N/A **Catalog No.'s:** 2215C | 2215F | 2215G

Company/Undertaking Identification

Ion Biosciences
3055 Hunter Road, Box 3
San Marcos, TX 78666
+1 512.957.9123

24 hour Emergency Response

866.536.0631
301.431.8585
+1 301.431.8585 (Outside the U.S.)
For Research Use Only. Not for use in diagnostic procedures.

SECTION 2: Hazards Identification

GHS - Classification

Signal word: None.
Health Hazards: Not classified.
Hazard statements: Not applicable.

Precautionary Statements

Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

Principle Routes of Exposure

Potential Health Effects

Eyes: May cause eye irritation with susceptible persons.
Skin: May cause skin irritation with susceptible persons.
Inhalation: May be harmful by inhalation.
Ingestion: May be harmful if swallowed.

Specific Effects

Carcinogenic effects: No information available.
Mutagenic effects: No information available.
Reproductive toxicity: No information available.
Sensitization: No information available.
Target organ effects: No known effects under normal use conditions.

HMIS

Health	0
Flammability	0
Reactivity	0

SECTION 3: Composition/Information on Ingredients

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

SECTION 4: First Aid Measures

Skin contact: Rinse cautiously with water for several minutes. Immediate medical attention is not required.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Ingestion: Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.

Inhalation: Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. Consult a physician if necessary.

Most important symptoms and effects, both acute and delayed: Not applicable

Notes to physician: Treat symptomatically.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable extinguishing media: Water spray. Carbon Dioxide (CO_2) Foam. Dry chemical.

Unsuitable extinguishing media: Not known.

Specific hazards arising from the chemical: Not known.

Advice for firefighters: Standard procedure for chemical fires.

SECTION 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Always wear recommended Personal Protective Equipment. Use personal protection equipment. See Section 8 for more detail.

Environmental precautions: Avoid discharge into drains and waterways whenever possible.

Methods and material for containment and cleaning up: Take up mechanically, placing in appropriate containers for disposal.

Reference to other sections: See section 8 and 12 for more information.

SECTION 7: Handling and Storage

Handling: Always wear recommended Personal Protective Equipment. No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities: Store at -20°C. Protect from light and moisture.

Specific end use(s): For research use only.

SECTION 8: Exposure Controls/Personal Protection

Control Parameters

Exposure limits: We are not aware of any national exposure limit.

Engineering measures: Ensure adequate ventilation, especially in confined areas.

Exposure Controls

Personal Protective Equipment: Personal Protective Equipment requirements are dependent on the user institution's risk assessment and are specific to the risk assessment for each laboratory where this material may be used.

Respiratory protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection: Impervious gloves.

Eye protection: Wear safety glasses with side shields (or goggles).

Skin and body protection: Lightweight protective clothing.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls: Prevent product from entering drains or waterways whenever possible.

SECTION 9: Physical and Chemical Properties

Information on basic physical and chemical properties.

Form: Solid.

Appearance: Red to orangish-red

Odor: No data available.

Odor threshold: No data available.

Boiling point/boiling range: °C No data available; °F No data available.

Melting point/melting range: °C No data available; °F No data available.

Flash point: °C No data available; °F No data available.

Autoignition temperature: °C No data available; °F No data available.

Evaporation rate: No data available.

Flammability (solid, gas): No data available.

Oxidizing properties: No data available.

Partition coefficient (n-octanol/water)**:** No data available.

Water solubility: No data available.

SECTION 10: Stability and Reactivity

Reactivity: None known.

Stability: Stable under normal conditions.

Materials to avoid: No dangerous reaction known under conditions of normal use.

Possibility of hazardous reactions: Hazardous reaction has not been reported.

Hazardous decomposition products: None under normal use conditions.

Polymerization: Hazardous polymerization does not occur.

Conditions to avoid: None under normal processing.

Hazardous decomposition products: Carbon monoxide (CO). Carbon dioxide (CO_2). Nitrogen oxides (NOx). Hydrogen chloride.

SECTION 11: Toxicological Information

Acute Toxicity: To the best of our knowledge, the chemical, physical, biological, and toxicological properties of this product have not been thoroughly investigated.

Principle Routes of Exposure

Potential Health Effects

Eyes: May cause eye irritation with susceptible persons.

Skin: May cause skin irritation in susceptible persons.

Inhalation: May be harmful by inhalation.

Ingestion: May be harmful if swallowed.

Carcinogenic effects: No information available.

Mutagenic effects: No information available.

Reproductive toxicity: No information available.

Sensitization: No information available.

SECTION 12: Ecological Information

Ecotoxicity: The environmental impact of this product has not been fully investigated.

Mobility: No information available.

Biodegradation: Inherently biodegradable.

Bioaccumulation: Does not bioaccumulate.

SECTION 13: Disposal Considerations

Waste treatment methods: The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in according to approved disposal technique.

Disposal of this product, its solutions or of any by-products, shall comply with the requirements of all applicable local, regional or national/federal regulations.

SECTION 14: Transport Information

IATA/ADR/DOT-US/IMDG: Not Classified as dangerous in the meaning of transport regulations.

Proper shipping name: No dangerous good in sense of these transport regulations.

Hazard class: None.

Subsidiary class: None.

Packing group: None.

UN-No: None.

Environmental hazards: None.

SECTION 15: Regulatory Information

US Federal Regulations

SARA 313: This product is not regulated by SARA.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61): This product does not contains HAPs.

US State Regulations

California Proposition 65: This product does not contain any Proposition 65 chemicals.

WHMIS Hazard Class: Non-controlled This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

SECTION 16: Other Information

For Research Use Only. Not for use in diagnostic procedures.

"The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein.

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