



SAFETY DATA SHEET

Genesis 110 NPE Free

Page: 1 of 5

Printed: 04/23/2024

Revision: 04/18/2024

Supersedes Revision: 11/30/2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Code: IBAINC-129-BULK
Product Name: Genesis 110 NPE Free
Company Name: IBA, Inc.
103 Gilmore Drive
Sutton, MA 01590
Phone Number: +1 (508)865-6911
Emergency Contact: CHEMTREC +1 (800)424-9300

2. HAZARDS IDENTIFICATION

Eye Irritation, Category 2A

Acute Toxicity: Oral, Category 4



GHS Signal Word: Warning

GHS Hazard Phrases: Causes serious eye irritation.
Harmful if swallowed.

GHS Precautionary Phrases: Keep out of reach of children.
Read label before use.
Wash hands thoroughly after handling.
Wear rubber gloves, chemical goggles and rubber apron.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for 15 minutes.
Get immediate medical advice/attention.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Get immediate medical advice/attention.

GHS Storage and Disposal Phrases: Dispose of contents/container to in accordance with local, state, and federal regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
56-81-5	Glycerine	10.0 %
7553-56-2	Iodine	1.0 %



SAFETY DATA SHEET

Genesis 110 NPE Free

Page: 2 of 5

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4. FIRST AID MEASURES

Emergency and First Aid

Procedures:

In Case of Inhalation: Remove victim to fresh air.

In Case of Eye Contact: In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

In Case of Ingestion: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. If victim is conscious and alert, give 2-4 cupfuls of water. Get medical attention immediately.

Note to Physician: Treat symptomatically and supportively. Show this safety data sheet to the doctor in attendance.

5. FIRE FIGHTING MEASURES

Flash Point: No data.

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use water fog, dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. ACCIDENTAL RELEASE MEASURES

Protective Precautions, Protective Equipment and Emergency Procedures: Use proper personal protective equipment as indicated in Section 8.

Environmental Precautions: Observe all federal, state, and local environmental regulations.

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. HANDLING AND STORAGE

Precautions To Be Taken in Handling: Avoid contact with eyes. Do not ingest or inhale.

Precautions To Be Taken in Storing: Do not store in direct sunlight.

Other Precautions: Handle in accordance with good industrial hygiene and safety practice.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
56-81-5	Glycerine	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
7553-56-2	Iodine	CEIL: 0.1 ppm	CEIL: 0.1 ppm	No data.



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Respiratory Equipment (Specify Type):	No special ventilation required under normal use.
Eye Protection:	Chemical safety goggles.
Protective Gloves:	Wear appropriate gloves to prevent skin exposure. Rubber or neoprene gloves.
Other Protective Clothing:	No data available.
Engineering Controls (Ventilation etc.):	No data available.
Work/Hygienic/Maintenance Practices:	Wash thoroughly after handling. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Brown. Opaque. Liquid.
pH:	5.3 - 5.7
Melting Point:	No data.
Boiling Point:	No data.
Flash Point:	No data.
Evaporation Rate:	No data.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure:	No data.
Vapor Density (vs. Air=1):	No data.
Specific Gravity (Water=1):	1.026 - 1.046
Solubility in Water:	100%
Saturated Vapor Concentration:	No data.
Octanol/Water Partition Coefficient:	No data.
Autoignition Pt:	No data.
Decomposition Temperature:	No data.
Viscosity:	No data.

10. STABILITY AND REACTIVITY

Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Incompatible materials, High temperatures, Light.
Incompatibility - Materials To Avoid:	chlorine, alkalis, aluminum, Tin/tin oxides, Zinc, alloys.
Hazardous Decomposition or Byproducts:	No data available.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]



SAFETY DATA SHEET

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Page: 4 of 5

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Conditions To Avoid -
Hazardous Reactions:

No data available.

11. TOXICOLOGICAL INFORMATION

Toxicological Information: Epidemiology: No data available.
Mutagenicity: No data available.
Neurotoxicity: No data available.
Teratogenicity: No data available.
Reproductive Effects: No data available.

CAS# 7553-56-2: Iodine: Acute toxicity, LD50, Oral, Rat, 14.00 GM/KG.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. ECOLOGICAL INFORMATION

General Ecological Information: Environmental: No information available.
Physical: No information available.

May be Harmfull to Aquatic life.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: 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. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

14. TRANSPORT INFORMATION

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Not Regulated.

DOT Hazard Class:

UN/NA Number:

15. REGULATORY INFORMATION

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
56-81-5	Glycerine	No	No	No
7553-56-2	Iodine	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

☐ Yes ☒ No	Explosive	☒ Yes ☐ No	Acute toxicity (any route of exposure)
☐ Yes ☒ No	Flammable (gases, aerosols, liquid, or solid)	☐ Yes ☒ No	Skin Corrosion or Irritation
☐ Yes ☒ No	Oxidizer (liquid, solid or gas)	☒ Yes ☐ No	Serious eye damage or eye irritation
☐ Yes ☒ No	Self-reactive	☐ Yes ☒ No	Respiratory or Skin Sensitization
☐ Yes ☒ No	Pyrophoric (liquid or solid)	☐ Yes ☒ No	Germ cell mutagenicity



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Page: 5 of 5

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|---|---|---|--|
| ☐ Yes ☒ No | Pyrophoric gas | ☐ Yes ☒ No | Carcinogenicity |
| ☐ Yes ☒ No | Self-heating | ☐ Yes ☒ No | Reproductive toxicity |
| ☐ Yes ☒ No | Organic peroxide | ☐ Yes ☒ No | Specific target organ toxicity (single or repeated exposure) |
| ☐ Yes ☒ No | Corrosive to metal | ☐ Yes ☒ No | Aspiration Hazard |
| ☐ Yes ☒ No | Gas under pressure (compressed gas) | ☐ Yes ☒ No | Simple Asphyxiant |
| ☐ Yes ☒ No | In contact with water emits flammable gas | ☐ Yes ☒ No | (Health) Hazard Not Otherwise Classified (HNOC) |
| ☐ Yes ☒ No | Combustible Dust | | |
| ☐ Yes ☒ No | (Physical) Hazard Not Otherwise Classified (HNOC) | | |

CAS # Hazardous Components (Chemical Name)

56-81-5 Glycerine

7553-56-2 Iodine

Other US EPA or State Lists

CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No;
MA Oil/HazMat: No; MI CMR, Part 5: No; NJ EHS: No; NY
Part 597: No; PA HSL: Yes - 1

CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No;
MA Oil/HazMat: Yes; MI CMR, Part 5: No; NJ EHS: No; NY
Part 597: No; PA HSL: Yes - 1

16. OTHER INFORMATION

Revision Date: 04/18/2024

Previous revision: 11/30/2016

Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

While IBA Inc. believes the statements set forth herein are accurate as of the date hereof, IBA Inc. makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.