

Material Safety Data Sheet

Ver: 202509

1. Identification of the substance or mixture and of the supplier

Product Name:	Liqcrystal NP03- II
Product Code:	E69BFNP14DC
Manufacturer:	INNODSIGN Biotechnology Co., Ltd
Address:	801, 8th Floor, Building 58, No. 260 Maoyuan Road, Fengxian District, Shanghai, Postal Code 201400

2. Hazard(s) identification

Emergency Overview::	White liquid with a slight characteristic odor, non flammable. Avoid inhalation and contact with eyes. In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek medical advice.
GHS classification:	Not a hazardous product according to GHS (China).
Physical and Chemical Hazards:	No particular hazards known. No physical and chemical hazards known.
Health Hazards:	Health Hazards
Environmental Hazards:	No environmental hazards known.
Other hazards which do not result in GHS classification:	None known.

3. Composition/information on ingredients

Chemical name	CAS number	Typical Concentration* (%)	Concentration range (%)
WATER	7732-18-5	24	0-48%
GLYCERIN	56-81-5	18	1-35%
SQUALANE	111-01-3	6	2-10%
CAPRYLIC/CAPRIC TRIGLYCERIDE	73398-61-5	4	1-7%
CERAMIDE NP	178436-06-1	3	2-4%
CETEARYL ALCOHOL	67762-27-0	3	1-5%
GLYCERYL STEARATE	85251-77-0	1.26	0.1-2.42%
POLYGLYCERYL-10 DISTEARATE	61725-93-7	0.5	0.1-0.9%
SODIUM CHLORIDE	7647-14-5	0.24	0.01-0.47%

* given as indicative value

4. First-aid measures

Skin Contact:	In case of contact with skin wash off with soap and water. In the event of symptoms seek medical advice.
Eye contact:	In case of contact with eyes rinse thoroughly with water. In the event of symptoms seek medical advice.
Inhalation:	Ensure supply of fresh air. In the event of symptoms take medical treatment.
Ingestion:	Thoroughly clean the mouth with water if ingested inadvertently do not induce vomiting - seek medical advice.

5. Fire-fighting measures

Suitable extinguishing media:	Foam, carbon dioxide, dry powder.
Unsuitable extinguishing media:	Full water jet
Specific hazards arising from the chemical:	In the event of fire the following can be released: - carbon dioxide, carbon monoxide. Under certain conditions of combustion traces of other toxic substances cannot be excluded.
Advice for fire-fighters:	Use self-contained breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment. Avoid contact with eyes. Do not allow to enter soil, waterways or waste water canal. Shut off ignition sources; no flares, smoking or flames in hazard area. Take up with absorbent material (eg sand, kieselguhr, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with the regulations.
Environmental Precautions:	Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

7. HANDLING AND STORAGE

Precautions for safe handling:	Do not eat, drink or smoke when working. Remove soiled or soaked clothing immediately. Wash hands before breaks and after work.
Conditions for safe storage:	Store at <35°C. Keep away from extreme heat and strong oxidizing agents. Protect from light. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Maximum Allowable Concentration:	No data available.
Appropriate Engineering Controls:	Provide readily accessible eye wash stations and safety showers.
Personal protective equipment / exposure controls:	Respiratory protection: in case of formation of vapours/aerosols: Short term: filter apparatus, Filter A-P2. Hand protection: PVC gloves. Eye protection: tightly fitting safety glasses. Skin and body protection: light protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form and Color:	White liquid
Odor:	Characteristic
pH:	6.5-8.5
Solubility:	Water soluble

10. STABILITY AND REACTIVITY

Chemical stability:	The product is stable under normal conditions.
Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling.
Conditions to avoid:	Keep away from extreme heat and strong oxidizing agents.
Incompatible materials:	Unknown
Hazardous decomposition products:	None with proper storage and handling.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	No data available
Skin Contact:	No data available
Eye contact:	No data available
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific Target Organ Toxicity - Single Exposure:	No data available
Specific Target Organ Toxicity - Repeated Exposure:	No data available
Aspiration Hazard:	Not classified

12. ECOLOGICAL INFORMATION

Ecotoxicity:	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

13. Disposal considerations

Disposal methods:	It should not be released into the environment. Do not dump into any sewers, on the ground, or into any body of water. Please follow local and national laws and regulations, and regulations may vary from region to region. The identification and subsequent compliance of chemical waste is the main responsibility of the waste generator, waste product listed in National Hazardous Wastes Catalogue must be entrusted to an qualified waste disposal agency for disposal. Chemical waste generators must determine whether the waste chemical is classified as general waste or hazardous waste. As a supplier of chemical products, it is impossible to know the specific use, manufacture process and process sources of the waste from downstream user, so it is impossible to provide information on the waste code after the product is discarded.
Contaminated Packaging:	If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards. Uncontaminated packaging can be recycled and reused. Contaminated packaging should be disposed of as for product, to be entrusted to an qualified waste disposal agency for recycling or disposal. Please follow local and national laws and regulations, and regulations may vary from region to region. Can not be treated as domestic waste.

14. Transport information

UN Number:	None
UN Proper Shipping Name:	Not regulated
Transport Hazard Classes:	None
Packaging Group:	None
Environmental Hazard:	No

15. REGULATORY INFORMATION

China. Catalog of Hazardous Chemicals (2015)	Not Regulated
China. Precursor Chemicals (Decree No. 445 of the PRC on Regulation for Administration of Precursor Chemicals, Appendix: Categories 1-3)	Not Regulated
China. Explosive Precursor Hazardous Chemicals (2017)	Not Regulated

16. Other Information

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