

SAFETY DATA SHEET

1. Product and Company Identification

Product Name	BLUE INK LHF-71		
Company	Company	Hainenko Limited	
	Address	284 Chase Road, Southgate, London N14 6HF	
	Name of Section		
	Telephone No	020 8882 8734	
	Facsimili No.	-	
	Emergency	020 8882 8734 <i>(only available during office hours)</i>	
Reference NO.	Date of Issue	2019/10/16	Version 6
Recommended use	Industrial paint ingredient		

2. Hazards Identification

[GHS Category]

PHYSICO-CHEMICAL HAZARDS

Not corresponding to classification criteria.

HEALTH HAZARDS

Acute toxicity(oral)	: Below the criteria of hazard categories
Acute toxicity(dermal)	: Below the criteria of hazard categories
Acute toxicity(inhalation)	: Below the criteria of hazard categories
Skin corrosion/irritation	: Category3
Serious eye damage/Eye Irritation	: Can not be classified
Respiratory sensitizer	: Can not be classified
Skin sensitizer	: Can not be classified
Germ cell mutagenicity	: Can not be classified
Carcinogenicity	: Below the criteria of hazard categories
Toxic to reproduction	: Category2
Specific target organ toxicity following single exposure	: Category1
Specific target organ toxicity following repeated exposure	: Can not be classified
Aspiration hazard	: Can not be classified

ENVIRONMENTAL HAZARDS

Hazardous to the aquatic environment, short-term(acute)	: Below the criteria of hazard categories
Hazardous to the aquatic environment, long-term(chronic)	: Below the criteria of hazard categories
Hazardous to the ozone layer	: Can not be classified

[GHS LABEL ELEMENTS]

Pictogram



Signal Word

: Danger

Hazard Statement	: Causes mild skin irritation : Suspected of damaging fertility or the unborn child : Causes damage to organs
Precautionary Statement	: Do not handle until all safety precautions have been read and understood. : Avoid breathing dust/fumes/gas/mist/vapors/spray. : Wash hands and gargle sufficiently after use. : Do not eat, drink, or smoke when using this product. : Use only outdoors or in a well-ventilated area. : Avoid release into the environment. : Put on protective gloves, clothing, goggles, and/or masks. : If placed on skin: Wash away with plenty of water and soap. : IF INHALED: Remove person to fresh air and keep comfortable. : If put in eye: Wash with water carefully for several minutes. If contact lenses are used and can be removed easily, take them off. : If exposed or in danger of exposure: Consult a physician and seek medical treatment. : If you feel ill, consult a physician/seek medical treatment. : If skin is irritated: Consult a physician/seek medical treatment. : If eye irritation continues: Consult a physician/seek medical treatment. : Collect spillage. : Store in a well-ventilated place. Keep container tightly closed. : Store locked up. : Commission qualified industrial waste disposer to dispose of contents and the container.

3.Composition/Information on Ingredients

Substance or Preparation	: Preparation	CAS No.	EINECS
Component(s)	%(W/W)		
Polyethylene glycol	Non-Disclosure	25322-68-3	
Ethane-1,2-diol	5-10	107-21-1	
Phthalocyanine blue	5-10	147-14-8	
Dispersant 1	Non-Disclosure	Registered	
2,2',2''-Nitrilotriethanol	0.1-1	102-71-6	
Propan-2-ol	0.1-1	67-63-0	
Ammonia, anhydrous	0.1-1	7664-41-7	
Ethylenediamine	< 0.1	107-15-3	
Water	Non-Disclosure	7732-18-5	

Ammonia: The content of ammonia is the corresponding value in weight derived from aqueous ammonia

4. First Aid Measures

- Eye contact : Immediately flush eyes with large amount of water for at least 15 minutes while holding eyelids open.
: Get medical attention immediately .
- Skin contact : Remove contaminated clothing. Flush exposed area with water and follow by washing with soap if available.
- Inhalation : Remove to fresh air, If not breathing, give artificial respiration
: If breathing is difficult, give oxygen, Get medical attention immediately
- Ingestion : If swallowed, wash out the mouth. Never give anything by mouth to an unconscious person.
: Get medical attention immediately.

5. Fire Fighting Measures

- Fire Fighting : Remove all sources of ignition and extinguish with the designated extinguisher.
- Extinguish media : Water spray, foam, dry chemical powder, carbon dioxide

6. Accidental Release Measure

- In case of small quantity : Wipe with the materials such as waste cloth.
- In case of large quantity : Pick up to the container after leading to the safer place by using sand, earth, or other appropriate barriers.
: Prevent from spreading or entering drains, ditches or rivers.

7. Handling and Storage

- Handling : Avoid the damage to the container.
- Storage : Must be stored in a well-ventilated area, away from sunlight, ignition sources and other sources of heat.
: Stir the product before use when stored for a long time.

8. Exposure Control/Personal Protection

- Exposure limits : ACGIH:100mg/m³ (aerosol, Upper) (Ethane-1,2-diol)
- Equipment : Install the local exhaust ventilator and eyewash stations.
- Personal protection : Wear safety eyewear, protective gloves and protective mask.

9. Physical and Chemical Properties

- Appearance : BlueLiquid
- Flash point : Not available
- Explosion limit : Lower:Not available Upper:Not available
- Boiling point : Approx.100
- Melting point : Not available
- Density : Not available
- Solubility : It is Soluble in Water.
- Ignition point : Not available
- Vapor pressure : Not available
- Volatility : Not available
- Initial boiling point : Not available
- Other properties : Not available

10. Stability and Reactivity

Flammability	: None
Combustibility	: Not applicable
Oxidizing properties	: Not applicable
Self-reactivity/Explosibility	: Not applicable
Dust explosibility	: Not applicable
Stability	: Stable under normal condition of use.
Other properties	: No information available

11. Toxicological Information

Acute toxicity(oral)	: LD50(oral) >5,000mg/kg(calculated value)
Acute toxicity(dermal)	: LD50(skin) >5,000mg/kg(calculated value)
Acute toxicity(inhalation)	: LC50(inhalation) >50.0mg/L(calculated value)
Skin corrosion/irritation	: Information of Ethane-1,2-diol
Serious eye damage/eye irritation	: No information available
Respiratory sensitizer	: No information available
Skin sensitizer	: No information available
Germ cell mutagenicity	: No information available
Carcinogenicity	: Information of Aluminium oxide
Toxic to reproduction	: Information of Propan-2-ol
Specific target organ toxicity following single exposure	: Causes damage to organ Ethane-1,2-diol
Specific target organ toxicity following repeated exposure	: No information available
Aspiration hazard	: No information available
ENVIRONMENTAL HAZARDS	
Hazardous to the aquatic environment, short-term(acute)	: Information of Ethane-1,2-diol
Hazardous to the aquatic environment, long-term(chronic)	: Information of Ethane-1,2-diol
Hazardous to the ozone layer	: No information available

12. Ecological Information

decomposition nature	: No information available
Accumulative properties	: No information available
Fish toxicity	: No information available
Other hazards	: No information available

13. Disposal Considerations

Do not dump this material into sewers, on the ground or into any body of water. Comply with all relevant regulations.

Contact an accredited disposal contractor for the special advice.

14. Transport Information

Not regulated as dangerous cargo and suitable for air/sea transportation under current DGR edition.

Class : Not applicable UN-Number : Not applicable

Packing : -
Group

15. Regulatory Information

Please refer to (any other) national measures that may be relevant.

16. Other Information

- Use only in industrial manufacturing processes.
- The information in this document is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only.
- It should not therefore be construed as guaranteeing any specific property of the product.