

SAFETY DATA SHEET

1. Product and Company Identification

| | | | |
|-----------------|-----------------------------|---|-----------|
| Product Name | BLACK INK LHF-70 | | |
| 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 | 2019/10/24 | Version 9 |
| 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 | : Category2 |
| Serious eye damage/Eye Irritation | : Category2 |
| Respiratory sensitizer | : Can not be classified |
| Skin sensitizer | : Category1 |
| Germ cell mutagenicity | : Can not be classified |
| Carcinogenicity | : Category2 |
| Toxic to reproduction | : Can not be classified |
| Specific target organ toxicity following single exposure | : Category1 |
| Specific target organ toxicity following repeated exposure | : Category1 |
| 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 | <ul style="list-style-type: none"> : Causes skin irritation : Causes serious eye irritation : May cause an allergic skin reaction : Suspected of causing cancer : Causes damage to organs : Causes damage to organs through prolonged or repeated exposure |
| Precautionary Statement | <ul style="list-style-type: none"> : 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) | | |
| Ethane-1,2-diol | 10-20 | 107-21-1 | |
| Carbon black | 5-10 | 1333-86-4 | |
| Polyethylene glycol | Non-Disclosure | 25322-68-3 | |
| Dispersant 1 | Non-Disclosure | Registered | |
| 2,2',2''-Nitrilotriethanol | 1-5 | 102-71-6 | |
| 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: 5mg/m³ (2,2',2''-Nitrilotriethanol)
 : 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 : Black Liquid
- 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

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.