



MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

ProductName	J O Y B l u e L H F - 6 1		
Company	Company	Mikuni Color Ltd.	
	Address	138-1 Kokubunji, Mikunino-Cho, Himeji, Japan	
	Name of Section	Quality Assurance Division	Prepared By Shousuke Okuda
	Telephone No	+(81)-79-252-0783(+81)-3-3949-0521	
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Reference NO.	Date of Issue	2014/04/01	Version 2

2. Hazards Identification

[GHS Category]

PHYSICO-CHEMICAL HAZARDS

Not corresponding to classification criteria.

HEALTH HAZARDS

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

ENVIRONMENTAL HAZARDS

Hazard to the Aquatic Environment (Acute)	: Can not be classified
Hazard to the Aquatic Environment (Chronic)	: Can not be classified

[GHS LABEL ELEMENTS]

Pictogram



Signal Word	: Danger
Hazard Statement	: Causes mild skin irritation : Causes serious eye damage : May cause an allergic skin reaction : Suspected of damaging fertility or the unborn child : Causes damage to organs : Causes damage to organs through prolonged or repeated exposure
Precautionary Statement	: Obtain special instructions before use. : Do not handle until all safety precautions have been read and understood : Wear named personal protective equipment. : During use or drying process, provide adequate ventilation and do not inhale vapour. : In case of eye contact, flush eye with large amount of water and get medical attention immediately. : Do not eat, drink or smoke when using this product. : Wash hands thoroughly after handling. : IF exposed or may be exposed, get medical attention/advice. : In case of skin contact, wash with plenty of soap and water. : IF exposed or if you feel unwell: Get immediate medical advice/attention. : Contact an accredited disposal contractor for disposal of the product and the container.

3. Composition/Information on Ingredients

Substance or Preparation	: Preparation		
Component(s)	%(W/W)	CAS No.	EINECS
Phthalocyanine blue	5-10	147-14-8	
2,2',2''-Nitrilotriethanol	1-5	102-71-6	
Ammonia, anhydrous	0.1-1	7664-41-7	
Propan-2-ol	0.1-1	67-63-0	
Ethane-1,2-diol	10-20	107-21-1	
Dispersant 1	Non-Disclosure	Registered	
Polyethylene glycol	Non-Disclosure	25322-68-3	
Glycerol	Non-Disclosure	56-81-5	
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 : Blue Liquid
Flash point : Not available
Explosion limit : Lower: Not available Upper: Not available
Boiling point : 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

14. Transport Information

Not regulated as dangerous cargo and suitable for air/sea transportation.

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.