



SAFETY DATA SHEET

1. Product and Company Identification

ProductName JOY BLACK LHF-90
 Company Company Mikuni Color Ltd.
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 Division
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 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 : Below the criteria of hazard categories
 Serious eye damage/Eye Irritation : Below the criteria of hazard categories
 Respiratory sensitizer : Can not be classified
 Skin sensitizer : Can not be classified
 Germ cell mutagenicity : Can not be classified
 Carcinogenicity : Category2
 Toxic to reproduction : Can not be classified
 Specific target organ toxicity following single exposure : Can not be classified
 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) : Can not be classified
 Hazardous to the ozone layer : Can not be classified

[GHS LABEL ELEMENTS]

Pictogram :



Signal Word : Danger

Hazard Statement	: Suspected of causing cancer : Causes damage to organs through prolonged or repeated exposure
Prevention	: 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.
Correspondence	: 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.
Storage	: Store in a well-ventilated place. Keep cool. : Store locked up.
Abandonment	: Commission qualified industrial waste disposer to dispose of contents and the container.

3.Composition/Information on Ingredients

Substance or Preparation	: Preparation		
Component(s)		%(W/W)	CAS No.
Polyethylene glycol		Non-Disclosure	25322-68-3
Carbon black		5-10	1333-86-4
Glycerol		Non-Disclosure	56-81-5
Propylene glycol		Non-Disclosure	57-55-6
Water		Non-Disclosure	7732-18-5

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 altificial 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 : none
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
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 Carbon black
Serious eye damage/eye irritation	:	Information of Carbon black
Respiratory sensitizer	:	No information available
Skin sensitizer	:	No information available
Germ cell mutagenicity	:	No information available
Carcinogenicity	:	Information of Carbon black
Toxic to reproduction	:	No information available
Specific target organ toxicity following single exposure	:	No information available
Specific target organ toxicity following repeated exposure	:	Causes damage to organ Carbon black
Aspiration hazard	:	No information available
ENVIRONMENTAL HAZARDS		
Hazardous to the aquatic environment, short-term(acute)	:	Information of Carbon black
Hazardous to the aquatic environment, long-term(chronic)	:	No information available
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

UN-Number	:	Not applicable			
UN proper shipping name	:	Not applicable			
Class	:	Not applicable	subsidiary risk(s)	:	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.

Date of revision