

MATERIAL SAFETY DATA SHEETS

For

Dye Purple

Prepared by : EMTEK (SUZHOU) CO., LTD
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Date of Conduct : Sept. 29, 2017
Date of Report : Nov. 22, 2017

Signed for and on behalf of
EMTEK (SUZHOU) CO., LTD

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Nov. 22, 2017

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MATERIAL SAFETY DATA SHEETS

1- Identification of the substance /preparation and of the company/undertaking

Sample Name : Dye Purple
Company Identification :
Company Address :
FAX :
Email :
Off-hour Emergency Phone Number : 0510-87577888

2- Hazards Identification

Fatalness Grade : /
Hazard Symbols : /
Invasion Route : Ingestion
Health Hazards : Basically harmless to the body.
Environment Hazards : Basically harmless to the body.
Burn & burst Danger : /

3 - Composition / Information on Ingredients

Substance Mixture

Component/Substance	% by wt	CAS Number	EC Number
water	51	7732-18-5	215-185-5
glycerol	42.8	56-81-5	200-289-5
acid blue	1.9	2650-18-2	223-339-8
acid rose red	4.3	3520-42-1	222-529-8

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4 - First Aid Measures

- Skin Contact** : Remove contaminated clothing, wash with plenty of water.
- Eye Contact** : Flush eyelid, wash with flowing water and physiological saline. Immediate medical attention.
- Inhalation** : If inhaled, move the patient to fresh air
- Ingestion** : Gargle with water , medical care

5 - Fire-Fighting Measures

- Danger Characteristic** : The substance does not belong to explosives, toxic substances, radioactive material, corrosives and oxidizing substance. The substance belongs to flammable liquids.
- Harmful Combustion Products** : /
- Fire-Fighting Method & Media** : When necessary, firefighters should wear filter respirators (full cover) , or isolated respirators , a large area around the leak should be located mist of water curtain explosion suppression , fire extinguishing agents : foam , water spray , dry chemical or carbon dioxide.

6 - Accidental Release Measures

Emergency treatment: Dilute sample with water Non-toxic Non-toxic cleaner into the waste water treatment system. Prevent into the sewer, ditch having restricted space. Avoid contact with water.

7 - Handling and Storage

- Handling** : Closed operation, provide adequate local exhaust ventilation. The operator must go through specialized training, strict adherence to rules. Proposed operators wear gloves. Away from fire, workplace smoking . Corresponding with the variety and quantity of fire equipment.
- Storing Notes** : Store in a cool, ventilated warehouse, away from fire. Keep container sealed.

8 - Exposure Controls / Personal Protection

- Maximum Admissible Concentration** : /
- Monitoring Method** : /
- Engineering Control** : Provide adequate local exhaust ventilation; eye equipment
- Respiratory Protection** : When the concentration in air overweight, use appropriate respiratory protection device.
- Eyes Protection** : Wear safety glasses.
- Body Protection** : Wear anti-static work clothes
- Hands Protection** : Wear rubber gloves
- Other Protections** : Work site prohibit smoking, eating and drinking. Maintain good health habits.

9 - Physical and Chemical Properties

- | | | | |
|----------------|-----------------|----------------|-------------|
| Appearance | : Purple liquid | Odor | : Weak odor |
| Boiling Point | : No data | Density | : No data |
| Melting Point | : No data | Flashing Point | : No data |
| pH | : No data | Specific Heat | : No data |
| Vapor Pressure | : No data | Solubility | : No data |

10 - Stability and Reactivity

- Stability** : Stable under normal use
- Conditions to Avoid** : Open flame, fire seat
- Materials to Avoid** : /
- Reactions** : /

11 - Toxicological Information

Chemical Name	RTECS number
water	ZC0110000
glycerol	MA8050000

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Acute Toxicity:

water	TDL ₀	333g/kg (man-infant)
glycerol	LD ₅₀	12600mg/kg (rat-oral)

Irritation:

Chemical name	Skin irritation
glycerol	126 mg rabbit mild

Mutagenicity : No data available **Allergenicity** : No data available
Carcinogenicity : No data available **Reproductive Toxicity** : No data available

12 - Ecological Information

Ecotoxicity : No data available
Persistence And Degradability : No data available
Bioaccumulative Potential : No data available
MobilityIn Soil : No data available
Other Harmful Effects : The substance may be hazardous to the environment.

13 - Disposal Considerations

Nature Of Waste : /
Waste Disposal Methods : Should refer to national and local regulations prior to disposal.
Attention Abandoned : No

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14 - Transport Information

UN Number : /
Shipping Name : No
Classification : No
Packaging Group (if applicable) : No
Transport Attentions : Transportation Note: Transport containers should be preceded by check is complete, seal , transport process to ensure that the container does not leak. Prohibited and oxidants, food chemicals mixed operation.

15 - Regulatory Information

Regulatory Information: ISO 11014-2009

Safety data sheet for chemical products - Content and order of sections
GB/T 16483-2008

Safety data sheet for chemical products—Content and order of sections
GB 13690-2009

General rule for classification and hazard communication of chemicals

National Hazardous Waste List

GHS - Globally harmonized system of classification and labeling of
chemicals, third revised edition.

16 - Other Information

Date : Nov. 22, 2017

Data Audit Units : EMTEK (SUZHOU) CO., LTD

Abbreviation : EC: European Inventory of Existing Commercial chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
RTECS: Registry of Toxic Effects of Chemical Substances

Term :TDLo: Lowest published toxic dose
LD50: Lethal dose, 50 percent kill

Other Information: The above information based on accurate data, because this information may be applied under conditions beyond our control, or is modified, and we do not bear any responsibility. This information determines the purpose of the case of proprietary materials and configurations in the recipient.

Declaration: Report EG170929049C02MVer.2 was repealed and replaced by report EG170929049C02MVer.3

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