

Diethylene glycol monobutyl ether acetate

SAFETY DATA SHEET

JIANGSU YIDA CHEMICAL CO., LTD

SDS

according to GHS(fourth revised edition)

Section 1 - Product and Company Identification

Product name	Diethylene glycol monobutyl ether acetate
Applicant name	JIANGSU YIDA CHEMICAL CO., LTD
Application address	No.1 Qiuzhuang Xishiqiao, Jiangyin City, Jiangsu Province, China
Applicant post code	214441
Applicant fax	+86-510-86608528
Applicant emergency number	+86-510-86608770
Manufacturer name	JIANGSU YIDA CHEMICAL CO., LTD
Manufacturer address	No.1 Qiuzhuang Xishiqiao, Jiangyin City, Jiangsu Province, China
Manufacturer post code	214441
Manufacturer fax	+86-510-86608528
Manufacturer emergency number	+86-510-86608770
SDS number	DG1311179E
Effective date	Oct 10, 2013

Section 2 –Hazards Identification

Hazard class and label elements of the substance according to GHS(the fourth revised edition):

Hazard class Serious eye damage/eye irritation category2A

Pictogram



Signal

Warning

Hazard statement(s)

H319 Causes serious eye irritation

Precautionary statements

Prevention

P264 Wash thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

Section 3 – Composition/Information on Ingredients

Component	Concentration(%)	CAS No.	EC No.
Diethylene glycol monobutyl ether acetate	99%	124-17-4	204-685-9

Section 4 – First Aid Measures

After skin contact	Wash off with soap and plenty of water. Consult a physician.
After eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
After ingestion	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
After inhalation	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Section 5 – Fire Fighting Measures

Hazardous products of combustion	Carbon oxides.
Extinguishing method	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment	Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measure

Personal precautions	Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Evacuate personnel to safe areas.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.
Methods for cleaning up	Pick up and arrange disposal. Keep in suitable, closed containers for disposal.

Section 7 – Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Storage	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Section 8 – Exposure Controls, Personal Protection

Engineering Controls	Safety shower and eye bath. Mechanical exhaust required.
Respiratory protection	Use a full-face supplied air respirator.
Eye protection	Wear chemical goggles.
Hand Protection	Wear impervious chemical resistant gloves.
Body protection	Protective work clothing.

Section 9 – Physical and Chemical Properties

Appearance: Colorless transparent liquid

Odor: No data available

Odor threshold: No data available	pH value: No data available
Melting point/freezing point(°C): -32	Initial boiling point and boiling range(°C): 245
Flash point(°C)(closed cup): 105	Evaporation Rate: No data available
Flammability: No data available	Upper explosive limit%(V/V): No data available
Lower explosive limit%(V/V): No data available	Vapor pressure(MPa): No data available
Vapor density(g/mL): No data available	Relative density(g/cm ³): 0.98
Solubility: No data available	Octanol / water partition coefficient: No data available
Auto-ignition temperature(°C): No data available	Decomposition temperature(°C): No data available
Viscosity(m²/s): No data available	

Section 10 – Stability and Reactivity

Reactive	No data available
Chemical stability	Stable under the condition recommended
Possibility of hazardous reactions	No data available
Avoid conditions	Heat. Light.
Incompatible materials	Strong bases, Strong oxidizing agents
Hazardous decomposition products	No data available

Section 11 – Toxicological Information

Acute toxicity:

Diethylene glycol monobutyl ether acetate: LD₅₀(rat, Oral) 6500 mg/kg; LD₅₀(rabbit, Dermal) 14500 mg/kg

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available

Respiratory or skin sensitization: No data available.

Germ cell mutagenicity: No data available

Carcinogenicity: No data available

Reproductive toxicity: No data available

Specific target organ toxicity – single exposure: No data available

Specific target organ toxicity – repeated exposure: No data available

Aspiration hazard: No data available

Section 12 – Ecological Information

Ecotoxicity:

Diethylene glycol monobutyl ether acetate: LC₅₀(Pimephales promelas, 96 h) 77mg/L;

EC₅₀(Daphnia magna, 48 h) 665mg/L

Biodegradability: No data available

Abiotic degradation: No data available

Bioaccumulation: No data available

Other hazards: No data available.

Section 13 – Disposal Considerations

Property of waste: No data available

Methods of disposal: Dispose of in a manner consistent with federal, state, and local regulations. Burning method is recommended.

Precautions of disposal: No data available.

Section 14 - Transport Information

According to the criteria of chemical classification settled in «UN Recommendations on the Transport of Dangerous Goods Model Regulations» (Seventeenth revised edition), this substance is not dangerous.

Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Diethylene glycol monobutyl ether acetate	√	√	√	√

Note 1:

CHINA - China Inventory of Existing Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

ENCS - Japan Existing and New Chemical Substances

EINECS - European Inventory of Existing Commercial Chemical Substances

Note 2:

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

Section 16 - Additional Information

Prepared by: Changzhou Testing Center of Entry-Exit Industrial and Consumable Products

Completion Date: Oct 10, 2013

Modification statement: Original. Please update before the implementation of the GHS fifth revised edition.

Other information: The information contained herein is prepared according to UN GHS (the fourth revised edition) and is accurate to the best of our knowledge. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.