

MATERIAL SAFETY DATA SHEET

1、Product and Company Identification

Product name : Polyester Plasticizer	
Synonyms : Glycol-ester	
Chemical Formula : Adipic Acid ester (己二酸酯)	
Product Codes : PN-1030、PN-1030M、PN-1030MH、PN-1030H、PN-1030R、PN-850、PN-850H、PN-860、PN-260、PN-260M、PN-310、PN-150、PN-650、PN-650T、PN-230、D-800、D-190、D-320、D-1050、D-1100	
Supplier Information : MANUFACTURER NAME : CHANG CHUN PLASTICS CO., LTD. ADDRESS : 301 SONG KIANG RD., 7th FL., TAIPEI, TAIWAN TELEPHONE AND FAX : TEL 886-2-2500-1800 ; FAX 886-2-2500-1797 http://www.ccp.com.tw/ SUPPLIER NAME : CHANG CHIANG CHEMICAL CO., LTD. ADDRESS : 301 SONG KIANG RD., 8th FL., TAIPEI, TAIWAN TELEPHONE AND FAX : TEL : 886-2-2509-7431 ; FAX : 886-2-2509-7433	
Emergency phone numbers : TEL : 02-2509-7431 FAX : 02-2509-7433	

2、Composition / Information on Ingredients

Ingredient	CAS Number	Percent (by weight)
Polyester Plasticizer	208945-12-4	> 99.0%

3、Hazards Identification

Emergency Overview : May cause eye and skin irritation.
Adverse Human Health Effects : Skin contact : Prolonged exposure may cause skin irritation. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts. Eye contact : May cause pain and slight transient(temporary) irritation. Inhalation : May cause irritation of nasal passages and throat. Ingestion : No significant signs or symptoms indicative of any adverse health hazard are expected to occur as a result of ingestion. Chronic effects : No data exist regarding potential chronic health hazards.
Environmental Effects : ND
Physical and Chemical Hazards : ND
Specific Hazards : NA

4、First-Aid Measures

Inhalation : Move affected person to fresh air, and promptly seek medical attention.
Ingestion : See a physician immediately.
Skin Contact : Wash off immediately with plenty of soap and water. Take all contaminated clothing off immediately. Seek medical advice if irritation develops.

Eye Contact : Immediately flush with large quantities of clean water for at least 15 minutes and call a physician.

Protection of First-aiders : No information available

Notes to Physician : No information available

5、 Fire-Fighting Measures

Extinguishing Media : CO2、Dry chemical powder、alcohol or polymer foam.

Fire and Explosion Hazards : Do not use a straight stream of water.

Special Firefighting Procedures : None

Special Equipment for the Protection of Firefighters : Use a positive-pressure self-contained breathing apparatus, and full protective clothing for chemicals。

6、 Accidental Release Measures

Personal Precautions : Clean-up personnel should wear protective clothing and equipment to prevent inhalation of vapor and skin and eye contact.

Environmental Precautions : This material should be kept out of sewage and drainage systems and all bodies of water. Clean up releases as soon as possible, observing precautions in the Personal precautions in this section.

Methods for Cleaning Up : Absorb materials with any commercial waste absorbent.

Dike large spills and place materials in salvage containers.

Consult an expert on the disposal of recovered materials.

7、 Handling and Storage

Handling : Avoid contact with eyes、skin or clothing.

Do not breathe in the vapor.

Wash thoroughly after handling.

Storage : Store away from heat and moisture.

Avoid contact with oxidizing agents, strong alkalis and acids.

Keep container closed and store in cool area.

8、 Exposure Controls / Personal Protection

Engineering Measure : Good ventilation

Control parameters : ND

• **Limit values** : ND

• **Biological Standards** : ND

Personal Protective Equipment : helmet, mask, safety shower, eye wash fountain.

• **Respiratory Protection** : Use an approved air-purifying respirator.

• **Hand Protection** : Chemical resistant gloves.

• **Eye Protection** : Safety glasses.

• **Skin and Body Protection** : To prevent skin contact wear skin protection, such as gloves, workpants, long sleeve work shirt, or disposable.

Specific Hygiene Measures : Wash hand before eating and drinking

9、 Physical and Chemical Properties

Physical State : Liquid.	Form : Transparent pale yellow clear liquid
Color : Transparent pale yellow clear liquid.	Odor : Slight odor.
pH : ND	Boiling Point/Boiling Range : ND
Decomposition Temperature : ND	Flash Point & Method Used : 214°C (Cleveland open cup)
Auto Ignition Temperature : ND	Explosion Properties : ND
Vapor pressure : ND	Vapor density : ND
Density : about 1.086 g/ml (at 25°C)	Solubility : Water solubility→Negligible

10、Stability and Reactivity

Stability : Stable under ordinary conditions of use and storage.
Possible Hazardous Reactions Occurring under Specific Conditions : ND
Conditions to Avoid : Heat and moisture. Stable under recommended conditions of storage and handling.
Materials to Avoid : Strong oxidizing agents, strong alkalies and strong acids.
Hazardous Decomposition Products : Thermal decomposition or combustion may produce carbon dioxide and carbon monoxide.

11、Toxicological Information

Acute toxicity : No information available
Local effects : No information available
Sensitization : No information available
Chronic Toxicity or Long Term Toxicity : No relevant information found.
Specific effects : No information available

12、Ecological Information

Possible Environmental Effects, Behavior and Fate :
Mobility : No Data Available
Persistence and degradability : No Data Available
Bioaccumulative potential : No Data Available
Toxicity : No Data Available

13、Disposal Considerations

Recommended Methods for Safe and Environmentally Preferred Disposal :

- Incineration : Disposal must be made in accordance with applicable governmental regulation.
- Recycling : Disposal must be made in accordance with applicable governmental regulation.
- Land filling : Disposal must be made in accordance with applicable governmental regulation.

14、Transport Information

International regulations : Not applicable
UN classification number : Not applicable
Specific Precautionary Transport Measures and Conditions : Not applicable

15、Regulatory Information

Applicable Regulations : Not applicable

16、Other Information

NFPA Ratings : --

Label Hazard Warning : --

Literature References :

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