

# SAFETY DATA SHEET

This safety data sheet complies with the requirements of:  
JIS Z 7253:2019

Revision date 10-Jul-2024  
Revision Number 6

## 1. Identification

Product Name PL200  
Safety data sheet number CGE-A-004  
Registration Number(s) CGE-A-004

### Details of the supplier of the safety data sheet

#### **Manufacturer**

CG ESTER CORPORATION  
Shin Otemachi Bldg.,2-1,Otemachi 2-Chome,Chiyoda-ku,Tokyo 100-8105 Japan  
TEL:+81-3-5203-2860 Fax:+81-5203-2864

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### Recommended use of the chemical and restrictions on use

Recommended Use Plasticizer and solvent for various resins

Restrictions on use Please do not use for other than recommended use.

## 2. Hazard(s) identification

### GHS Classification

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Oral	Classification not possible
Acute toxicity - Dermal	Classification not possible
Acute toxicity - Inhalation (Gases)	Classification not possible
Acute toxicity - Inhalation (Vapors)	Classification not possible
Acute toxicity - Inhalation (Dusts/Mists)	Classification not possible
Skin corrosion/irritation	Classification not possible
Serious eye damage/eye irritation	Classification not possible
Respiratory sensitization	Classification not possible
Skin sensitization	Classification not possible
Germ cell mutagenicity	Classification not possible
Carcinogenicity	Classification not possible
Reproductive toxicity	Classification not possible
Specific target organ toxicity (single exposure)	Classification not possible
Specific target organ toxicity (repeated exposure)	Classification not possible
Aspiration hazard	Classification not possible
Acute aquatic toxicity	Classification not possible
Chronic aquatic toxicity	Classification not possible
Ozone	Classification not possible

### GHS label elements

Does not apply

### **Hazard statements**

Not a hazardous substance or mixture according to the Globally Harmonized System (GHS)

**Precautionary statements****Prevention**

- Not applicable

**Response**

- Not applicable

**Storage**

- Not applicable

**Disposal**

- Not applicable

**Other hazards**

No information available.

**3. Composition/information on Ingredients**

<b>Pure substance/mixture</b>	Substance
<b>Common name</b>	Dialkyl phthalate
<b>Chemical formula</b>	C <sub>6</sub> H <sub>4</sub> (COOCR) <sub>2</sub> R:C <sub>9</sub> H <sub>19</sub> ~C <sub>11</sub> H <sub>23</sub>

Chemical name	CAS No.	Weight-%	ENCS Inventory	ENCS Number	ISHL Inventory	ISHL No.
1,2-Benzenedicarboxylic acid, di-C <sub>9</sub> -11-branched and linear alkyl esters	68515-43-5	100	Existing	(3)-1307	Existing	(3)-1307

**4. First-aid measures**

<b>General advice</b>	Show this safety data sheet to the doctor in attendance.
<b>In case of inhalation</b>	Move to a place with fresh air and rest in a comfortable posture. If you feel unwell, contact your doctor.
<b>In case of skin contact</b>	Wash off immediately with soap and plenty of water. Consult a physician if necessary.
<b>In case of eye contact</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Get medical attention if irritation develops and persists.
<b>In case of ingestion</b>	Rinse mouth. Do NOT induce vomiting. Call a physician.
<b>Most important symptoms/effects, acute and delayed</b>	No information available.
<b>Note to physicians</b>	Treat symptomatically.

**5. Fire-fighting measures**

<b>Suitable Extinguishing Media</b>	Dry chemical or CO <sub>2</sub> . Foam. Dry sand.
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**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** Incomplete combustion may generate toxic carbon monoxide gas.

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**Special Extinguishing Media**

**Large Fire**

If it cannot be moved, sprinkle water on the container and its surroundings to cool it.

- Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

**Environmental precautions** See Section 12 for additional Ecological Information.

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. Handling and Storage

### Handling

**Local and General Ventilation** Perform local exhaust and general ventilation in item 8.

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Prevents Handling of Incompatible Substances or Mixtures** See Section 10, Reactivity, Conditions to Avoid, Dangerous Goods to Touch.

**Hygiene Measures** Wash hands thoroughly after handling.

### Storage

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place. Store away from oxidants.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

<b>Biological occupational exposure limits</b>	This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies
<b>Engineering controls</b>	Showers Eyewash stations Ventilation systems.
<b>Environmental exposure controls</b>	No information available.
<b><u>Personal protective equipment</u></b>	
<b>Respiratory protection</b>	Use gas masks, air masks, air respirators, etc. for organic gas as needed.
<b>Hand protection</b>	Impervious gloves.
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles).
<b>Skin and body protection</b>	Antistatic long-sleeve protective clothes and shoes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Appearance</b>		
Physical state	Liquid	
Color	colorless	
Odor	Almost odorless	
<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
Melting point / freezing point	-18 °C / -0.4 °F	
Initial boiling point and boiling range	430 °C / 806.0 °F	
Flammability	When heated to high temperatures, combustible gas is produced by decomposition.	
<b>Upper/lower flammability or explosive limits</b>		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	248 °C / 478.4 °F	
Evaporation rate	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
pH	No data available	
<b>Viscosity</b>		
Kinematic viscosity	62 mPa s	@ 20 °C
Dynamic viscosity	No data available	
Water solubility	Insoluble in water	
Solubility(ies)	Soluble in Ether Alcohol	
Partition Coefficient (n-octanol/water)	No data available	
Vapor pressure	26.7Pa(200°C) 2.7Pa(150°C)	

<b>Density and/or relative density</b>	
Relative density	No data available
Liquid Density	No data available
Bulk density	No data available
Relative vapor density	No data available
<b>Particle characteristics</b>	
Particle Size	
Particle Size Distribution	

#### Other information

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Stable.
<b>Chemical stability</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions</b>	None under normal processing.
<b>Conditions to avoid</b>	Keep away from open flames, hot surfaces and sources of ignition.
<b>Incompatible materials</b>	Strong oxidizing agents. Strong acids. Strong bases.
<b>Hazardous decomposition products</b>	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ).
<b>Explosion data</b>	
Sensitivity to static discharge	No information available.
Sensitivity to mechanical impact	No information available.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

**Numerical measures of toxicity - Product Information**  
No information available

*Abbreviations and acronyms*  
*Rat: Rat*

<b>Symptoms</b>	No information available.
<b>Product Information</b>	
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.
<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin corrosion/irritation</b>	No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

**Persistence and degradability** No information available.

**Bioaccumulation** No information available.

### Component Information

**Mobility in soil** No information available.

**Hazardous to the ozone layer** Classification not possible. Based on available data, the classification criteria are not met.

**Other adverse effects** No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging**

Dispose of in accordance with federal, state and local regulations.

**14. TRANSPORT INFORMATION**

<b>IMDG</b>	Not regulated
<b>ADR</b>	Not regulated
<b>IATA</b>	Not regulated
<b>Japan</b>	Not regulated
<b>Special precautions</b>	Make sure the container is not damaged, corroded, leaked, etc. before shipping.

**15. Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations****Pollutant Release and Transfer Register (PRTR)**

Not applicable

**Industrial Safety and Health Law**

Not applicable

**Harmful Substances Whose Names Are to be Indicated on the Label**

Not applicable

**ISHL Notifiable Substances**

Not applicable

**Poisonous and Deleterious Substances Control Law**

Not applicable

**Fire Service Law:**

Flammable liquids, group 4, 4th class petroleums, hazard rank III, 6000 liters

**Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. (CSCL)**

Chemical name	CAS No.	Chemical Substances Control Law
1,2-Benzenedicarboxylic acid, di-C9-11-branched and linear alkyl esters	68515-43-5	General chemical substance

**Act on Prevention of Marine Pollution and Maritime Disaster**

Subject to the Law Regarding the Prevention of Marine Pollution and Maritime Disaster and its Ordinance, Table 1- 1; category X

**International Regulations****The Stockholm Convention on Persistent Organic Pollutants** Not applicable**The Rotterdam Convention** Not applicable**International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDSL</b>	Complies

<b>EINECS/ELINCS</b>	Complies
<b>ENCS</b>	Complies
<b>IECSC</b>	Included
<b>KECI</b>	Complies
<b>AIIC</b>	Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AIIC** - Australian Inventory of Industrial Chemicals

**16. Other Information**

**Revision date** 10-Jul-2024  
**Revision Number** 7  
**Revision Note**

**Key or legend to abbreviations and acronyms used in the safety data sheet**Legend Section 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	Sk*	Skin designation
+	Sensitizers		

Legend

IMDG	International Maritime Dangerous Goods (IMDG)	ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IATA	International Air Transport Association (IATA)		

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Chemicals Agency  
European Food Safety Authority (EFSA)  
Environmental Protection Agency  
Acute Exposure Guideline Level(s) (AEGl(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Disclaimer**

This SDS complies with the requirements of JIS Z 7253:2019 (Japan). The information provided in this Safety Data Sheet is correct



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**End of Safety Data Sheet**