

# Bis(2-ethylhexyl) peroxydicarbonate 60%

## SAFETY DATA SHEET

# SDS

Lanzhou Auxiliary Agent Plant Co., Ltd


according to GHS(sixth revised edition)

### Section 1 - Product and Company Identification

<b>Product name</b>	Bis(2-ethylhexyl)peroxydicarbonate 60%
<b>Applicant name</b>	Lanzhou Auxiliary Agent Plant Co., Ltd
<b>Application address</b>	No.358 Nanpoping Shajingyi Anning District, Lanzhou City, Gansu Province, China
<b>Applicant post code</b>	730079
<b>Applicant fax</b>	+86-931-7766467
<b>Applicant emergency number</b>	+86-931-7766493
<b>Applicant email</b>	543908218@qq.com
<b>Manufacturer name</b>	Lanzhou Auxiliary Agent Plant Co., Ltd
<b>Manufacturer address</b>	No.358 Nanpoping Shajingyi Anning District, Lanzhou City, Gansu Province, China
<b>Manufacturer post code</b>	730079
<b>Manufacturer fax</b>	+86-931-7766467
<b>Manufacturer emergency number</b>	+86-931-7766493
<b>SDS number</b>	DG1607565ER1
<b>Effective date</b>	Jun 03, 2016

### Section 2 –Hazards Identification

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

<b>GHS hazard class</b>		
<b>Physical hazard(s)</b>	Organic peroxides	category typeF
<b>Health hazard(s)</b>	Acute toxicity, oral	category4
	Sensitisation, skin	category1
	Serious eye damage/eye irritation	category2A
<b>Pictogram</b>		
<b>Signal</b>	Warning	
<b>Hazard statement(s)</b>	H242 Heating may cause a fire H302 Harmful if swallowed	

H317 May cause an allergic skin reaction

H319 Causes serious eye irritation

**Precautionary statements**

**Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P234 Keep only in original packaging.

P235 Keep cool.

P240 Ground and bond container and receiving equipment.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P272 Contaminated work clothing should not be allowed out of the workplace.

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

**Response**

P301+P312 IF SWALLOWED: Call a POISON CENTER/ doctor/if you feel unwell.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P330 Rinse mouth.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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

P362+P364 Take off contaminated clothing and wash it before reuse.

**Storage**

P403 Store in a well-ventilated place.

P410 Protect from sunlight.

P411 Store at temperatures not exceeding ...°C/...°F.

P420 Store separately.

**Disposal**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Section 3 – Composition/Information on Ingredients**

Component	Concentration(%)	CAS No.	EC No.
Bis(2-ethylhexyl)peroxydicarbonate	Commercial Secrets	16111-62-9	240-282-4
Water	Commercial Secrets	7732-18-5	231-791-2

**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**

Move victim into fresh air. If breathing is difficult, give oxygen. Do not use mouth to mouth resuscitation if victim ingested or inhaled the substance. If not breathing, give artificial respiration and consult a physician immediately.

## Section 5 – Fire Fighting Measures

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

## Section 6 – Accidental Release Measure

<b>Personal protective measures</b>	Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
<b>Environmental protective measures</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
<b>Methods for taking in and cleaning up</b>	Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

## Section 7 – Handling and Storage

<b>Handling</b>	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
<b>Storage</b>	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

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

## Section 9 – Physical and Chemical Properties

<b>Appearance and properties:</b> Colorless liquid	<b>Odor:</b> No data available
<b>Odor threshold:</b> No data available	<b>pH value:</b> No data available
<b>Melting point/freezing point(°C):</b> No data available	<b>Initial boiling point and boiling range(°C):</b> No data available
<b>Flash point(°C)(closed cup):</b> No data available	<b>Evaporation Rate:</b> No data available
<b>Flammability:</b> No data available	<b>Upper explosive limit%(V/V):</b> No data available
<b>Lower explosive limit%(V/V):</b> No data available	<b>Vapor pressure(MPa):</b> No data available
<b>Vapor density(g/mL):</b> No data available	<b>Relative density(g/cm<sup>3</sup>):</b> No data available
<b>Solubility:</b> No data available	<b>Octanol / water partition coefficient:</b> No data available
<b>Auto-ignition temperature(°C):</b> No data available	<b>Decomposition temperature(°C):</b> No data available
<b>Kinematic viscosity (mm<sup>2</sup>/s):</b> No data available	

## Section 10 – Stability and Reactivity

<b>Reactive</b>	No data available.
<b>Chemical stability</b>	Stable under the condition recommended.
<b>Possibility of hazardous reactions</b>	No data available.
<b>Avoid conditions</b>	Heat, flames and sparks.
<b>Incompatible materials</b>	Strong oxidizing agents.
<b>Hazardous decomposition products</b>	No data available.

### Section 11 – Toxicological Information

**Acute toxicity:** Bis(2-ethylhexyl)peroxydicarbonate: LD<sub>50</sub>(rat,Oral) 1020mg/kg  
**Skin corrosion/irritation:** No data available.  
**Serious eye damage/eye irritation:** Causes severe eye irritation.  
**Respiratory or skin sensitization:** May cause skin allergic reaction.  
**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

**Toxicity:** No data available.  
**Persistence and degradability:** No data available.  
**Bioaccumulative potential:** No data available.  
**Mobility in soil:** No data available.  
**Other adverse effects:** No data available.

### Section 13 – Disposal Considerations

**Property of waste:** Hazardous Waste.  
**Methods of disposal:** Dispose of in a manner consistent with federal, state, and local regulations.  
**Precautions of disposal:** Professional processing together.

### Section 14 - Transport Information

**UN number:** 3119  
**UN proper shipping name:** ORGANIC PEROXIDE TYPE F,LIQUID, TEMPERATURE CONTROLLED  
**Transportation primary hazard class:** 5.2  
**Transportation secondary hazard class:** —  
**Packing group:** Meet II class packing requirements, methods: OP8

### Section 15 - Regulatory Information

Component	CHINA	TSCA	ENCS	EINECS
Bis(2-ethylhexyl)peroxydicarbonate	√	√	√	√
Water	√	√	√	√

**Note 1:**  
**CHINA - China Inventory of Existing Chemical Substances (IECSC)**

**TSCA - United States Inventory of Toxic Substances Control Act Chemical Substances (TSCA)**

**ENCS - Japan Existing and New Chemical Substances (ENCS)**

**EINECS - European Inventory of Existing Commercial Chemical Substances (EINECS)**

**Note 2:**

"√" Indicates that the substance included in the regulations

"-" That no data or included in the regulations

## Section 16 - Additional Information

<b>Prepared by:</b>	Changzhou Testing Center of Entry-Exit Industrial and Consumable Products
<b>Completion Date:</b>	Jun 03, 2016
<b>Modification statement:</b>	Original. Please update before the implementation of the GHS Seventh revised edition.
<b>Other information:</b>	This Safety Data Sheet (SDS) was prepared according to UN GHS (the sixth revised edition) and the information included is based on the present state of our knowledge. However, the information is provided without any warranty, express or implied, regarding its correctness and is only for users reference. Users should make their independent judgement of suitability of these information for their particular purposes. We do not assume responsibility for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.