

# Dipropyl Adipate

## Section 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

Product name: Dipropyl Adipate  
CAS Number: 106-19-4  
EC Number: 203-371-9

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use: Laboratory chemicals, Industrial & for professional use only  
Restrictions on use: Not for drug or household use

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

Company name: East Harbour Group Ltd  
20 Clough Road, Severalls Industrial Park  
Colchester, Essex, CO4 9QS  
United Kingdom

Telephone: +44 (0) 333 242 0100  
Email: [info@eastharbourgroup.com](mailto:info@eastharbourgroup.com)

### 1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

## Section 2: Hazardous identification

### 2.1 Classification of the substance or mixture

Not classifiable

### 2.2 Label elements

Signal Word	None
Hazard Statement	None
Pictogram(s) or Symbol(s)	None
Precautionary Statement(s)	None

### Additional Information

While this material is not classified as hazardous under OSHA, this MSDS contains valuable information critical to safe handling and proper use of the product.

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## Section 3: Composition/information on ingredients

### 3.2 Substance

Substance/Mixture	Substance
Components	Dipropyl Adipate
Percent	>98.0% (GC)
CAS Number	106-19-4
Molecular Weight	230.30
Chemical Formula	C <sub>12</sub> H <sub>22</sub> O <sub>4</sub>
Synonyms	Adipic Acid Dipropyl Ester

## Section 4: First aid measures

### 4.1 Description of first aid measures

#### Inhalation

Move victim to fresh air. Call emergency medical service. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. Keep victim warm and quiet. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

#### Skin Contact

Remove and isolate contaminated clothing and shoes. In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

#### Eye Contact

Move victim to fresh air. Check for and remove any contact lenses. In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. Keep victim warm and quiet. Treat symptomatically and supportively. Effects of exposure to substance may be delayed. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

#### Ingestion

If a person vomits place them in the recovery position so that vomit will not re-enter the mouth and throat. Rinse mouth. Keep victim warm and quiet. Loosen tight clothing such as a collar, tie, belt or waistband. If swallowed, seek medical advice immediately and show the container or label. Treat symptomatically and supportively. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Effects of exposure (ingestion) to substance may be delayed.

### 4.2 Most important symptoms and effects, both acute and delayed

Acute: No data available

Delayed: No data available

### 4.3 Indication of any immediate medical attention and special treatment needed

If breathing has stopped, perform artificial respiration. Use first aid treatment according to the nature of the injury. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

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## Section 5: Fire-fighting measures

### 5.1 Fire Fighting Media and Instructions:

Suitable extinguishing media: Dry chemical, CO<sub>2</sub>, water spray, or alcohol-resistant foam. Consult with local fire authorities before attempting large scale firefighting operations.

### 5.2 Special hazards arising from the substance or mixture

Nature of any hazardous combustion products: These products include Carbon oxides  
Other specific hazards: Closed containers may explode from heat of a fire

### 5.3 Advice for firefighters

**Special protective equipment:** Structural fire fighters' protective clothing provides limited protection in fire situations ONLY; it may not be effective in spill situations.

**Special precautions:** no data available

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (section 8)  
Wear protective clothing, gloves and eye protection.  
In case of a spill and/or a leak, always shut off any sources of ignition, ventilate the area, and exercise caution.

### 6.2 Environmental precautions

Should not be released into the environment. See Section 12 for additional ecological information.

### 6.3 Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

### 6.4 Reference to other sections

Refer to protective measures listed in Sections 8 and 13

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

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. For precautions see section 2.2

### 7.2 Conditions for safe storage, including any incompatibilities

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.

### 7.3. Specific end use(s):

Laboratory chemicals, for scientific research and development only

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## Section 8: Exposure controls/personal protection

### 8.1 Control parameters

**Components with workplace control parameters:** Contains no substances with occupational exposure limit values

### 8.2 Exposure controls /

#### Appropriate engineering controls

Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.

### 8.3 Personal protective equipment

#### Eye/face protection:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

#### Skin protection:

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands

#### Body Protection:

Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Control of environmental exposure:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical State (20°C)</b>	Liquid
<b>Form</b>	Clear
<b>Colour</b>	Colourless – Almost colourless
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Melting Point/Freezing Point</b>	155°C (311°F)/2.1kPa
<b>Decomposition temperature</b>	No data available
<b>Relative Density</b>	0.98
<b>Kinematic Viscosity</b>	No data available
<b>Partition Coefficient: n-octanol/water (log Pow)</b>	No data available
<b>Flash Point</b>	146°C (295°F)
<b>Flammability (solid, gas)</b>	No data available
<b>pH</b>	No data available

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<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Dynamic Viscosity</b>	No data available
<b>Evaporation Rate: (Butyl Acetate = 1)</b>	No data available
<b>Auto-ignition temperature</b>	No data available
<b>Flammability or Explosive Limits</b>	
<b>Lower</b>	No data available
<b>Upper</b>	No data available

## 9.2 Other safety information

Formula C<sub>12</sub>H<sub>22</sub>O<sub>4</sub>

Molecular weight 230.3

CAS Number 106-19-4

## Section 10: Stability and Reactivity

<b>10.1 Reactivity</b>	No data available
<b>10.2 Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3 Possibility of hazardous reactions</b>	No hazardous reactivity has been reported
<b>10.4 Conditions to avoid</b>	Avoid excessive heat and light
<b>10.5 Incompatible materials</b>	Oxidizing agents
<b>10.6 Hazardous decomposition products</b>	No data available

## Section 11: Toxicological Information

### 11.1 Information on toxicological effects

<b>Acute toxicity:</b>	No data available
<b>Skin irritation/corrosion:</b>	No data available
<b>Eye damage/irritation:</b>	No data available
<b>Respiratory or skin sensitization:</b>	No data available
<b>Germ cell mutagenicity:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Reproductive toxicity:</b>	No data available
<b>Specific target organ system toxicity - single exposure:</b>	No data available
<b>Specific target organ system toxicity - repeated exposure:</b>	No data available
<b>Aspiration hazard:</b>	No data available

### Additional information:

To the best of our knowledge, the chemical, physical and toxicological properties of this substance have not been thoroughly investigated

## Section 12: Ecological Information

<b>12.1. Toxicity</b>	No data available
<b>12.2. Persistence and degradability</b>	No data available

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12.3. Bioaccumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of PBT and vPvB assessment	No data available
12.6. Other adverse effects	No data available

### Section 13: Disposal considerations

#### 13.1 Waste treatment methods

##### Product

Arrange disposal as special waste, by licensed disposal company, in consultation with local waste disposal authority, in accordance with national and regional regulations.

##### Contaminated packaging

Dispose of as unused product.

### Section 14: Transport Information

No known hazard for air and ground transportation.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

### Section 15: Regulatory Information

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, or have known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

### Section 16: Other Information

#### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.