

1. Identification

Product Code **CD3004-16**

Product Name **DI-n-BUTYL PHTHALATE pure**

Molecular Formula $C_6H_4(COOC_4H_9)_2$ =278.35

CAS Number 84-74-2

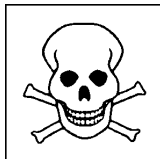
Supplier:  **BEECROFT & PARTNERS**
Northfield Road
Rotherham
South Yorkshire

Phone 01709-377881
Fax 01709-369264

Emergency Telephone 08:30-1700 01709-377881
24hr 112
(Have this document to hand)

2. Composition

No hazardous components

3. Hazards Identification

May cause harm to the unborn child. Very toxic to aquatic organisms. Possible risk of impaired fertility.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water.

Inhalation Remove from exposure.

Ingestion Wash out the patients mouth thoroughly with water. Do not induce vomiting.

5. Fire Fighting Measures

Hazards Not combustible but assists burning. Presents no specific health hazard if involved in a fire.

Extinguishing Media Alcohol resistant foam, dry powder, or carbon dioxide. Use water spray to keep fire exposed containers cool.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection Presents no major hazards. Do not allow other people to enter area.

Enviromental Keep material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.

6. Accidental Release Measures (continued)

Major Spillage	Contain and absorb on inert material. Transfer absorbent to salvage container for removal. Wash area down with copious amounts of water.
Minor Spillage	Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath vapours. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains vapour concentrations below the recommended limits.
Storage Conditions	Well ventilated, cool, dry storage . Protect from direct sun and store away from sources of ignition.

8.1 Occupational Exposure Limits

No prescribed exposure limits available

8.2 Personal Protection

Respiratory	Use L.E.V. or natural ventilation to maintain vapour concentrations below exposure limits. If not, use a well maintained chemical cartridge organic vapour respirator, or use self contained breathing apparatus.
Hands	Use solvent resistant gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	Clear colourless to pale yellow liquid.
Odour	Odourless.
pH	Not available
Boiling point	340.0 °C
Melting point	-35.0 °C
Flash point	189.0 °C (DIN 51755)
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	370.0 °C
Explosive properties	Slight.
Oxidising Properties	No.
Vapour Pressure	0.002 mm Hg @ 20 C
Relative Density	1.4940
Water Solubility	Insoluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Hot surfaces, naked flames or other sources of ignition.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	None unusual. Burning will produce smoke, carbon monoxide and/or carbon dioxide.

11. Toxicological Information

Eyes	High concentrations of vapour may be irritating to the eyes.
Skin	Presents no significant hazard by skin contact.
LD50 Skin	Rabbit >20g/Kg

11. Toxicological Information (continued)

Ingest	Ingestion of large amounts may cause headache, dizziness, nausea, vomiting, thirst and convulsions.
LD50 Ingest	Oral Rat 8g/Kg
Inhalation	High concentrations of vapour may produce irritation of the eyes, nose, throat and respiratory tract.
Carcinogenicity	Not considered to be a carcinogen.
Mutagenicity	Not considered to be a mutagen.
Reproductive Effects	None identified.
Other Information	Used throughout the food and cosmetics industries.

12. Ecological

Very toxic to aquatic organisms.

13. Disposal Considerations

Disposal Methods	Dispose of in a licensed incinerator for organic solvents. Do not dispose of as domestic waste.
Contaminated Packaging	Use a licensed waste disposer. Wash out containers with water.

14. Transport Information

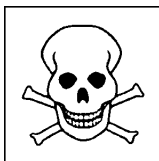
Proper Shipping Name	Non-restricted
UN Number	Non-restricted
UN Classification	None
Subsidiary Risk	None
Flash Point	189.0 °C (DIN 51755)
Packing Group	None
Marine pollutant	No
ADR Hazard ID	Non-restricted

15. Regulatory Information

Labelling	Toxic, Dangerous for the Environment.
Classification	

Label Symbols

T



N



Risk & safety Phrases	May cause harm to the unborn child. Very toxic to aquatic organisms. Possible risk of impaired fertility. Avoid exposure - obtain special instruction before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label). Avoid release to the environment, refer to special instructions/safety data sheet.
-----------------------	---

EEC Number	201-557-4
------------	-----------

16. Other Information

Document Information	This document has been prepared in accordance with directive 88/379/EEC. The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.
----------------------	--

16. Other Information (continued)

Revision Date: 5/06/03.

Data reviewed and PDF file generated: 07/06/04.

Copyright 2004 Beecroft & Partners.