

 **MATERIAL SAFETY DATA SHEET****NUVO AUSTRALIA PTY LTD**

(ACN 089 731 617)

324/ 23 MILTON PARADE**MALVERN VIC 3144 AUSTRALIA****PHONE: (03) 9822 2209****FAX: (03) 9822 2109****EMERGENCY No. 0419 341 095 any time****http://www.nuvo.com.au****PRODUCT: UNIMOLL BB****PRODUCT NAMES: UNIMOLL BB****OTHER NAMES:****UN NUMBER: 3082****HAZCHEM CODE: 2X****PACKAGING GROUP: III****USES:****DANGEROUS GOODS:****CLASS & SUB RISK: 9****POISONS SCHEDULE: Not applicable****STATEMENT OF HAZARDOUS NATURE:**

Classified as hazardous according to criteria of Worksafe Australia

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE/ODOUR	:	colourless to yellowish liquid, slight inherent odour
BOILING RANGE (°C)	:	235-255°C AT 13 hPa
MELTING POINT(°C)	:	-35°C
FLASH POINT(°C)	:	215-255°C (ISO 2592)
DENSITY	:	1.114-1.1122 g/cm ³ at 25°C (DIN 51757)
VAPOUR DENSITY	:	below 0.000001 hPa at 20°C below 0.01 hPa at 110°C
pH value	:	neutral
SOLUBILITY IN WATER	:	Hardly soluble (3.7 mg/l at 25°C)
VISCOSITY	:	61-63 mPa's at 20°C (DIN 53015)
IGNITION TEMPERATURE	:	425°C (DIN 51794)
EXPLOSIVE LIMITS	:	ignitable mixture at 1.2% volume at 233°C

INGREDIENTS:

CHEMICAL ENTITY	CAS No.	PROPORTION
Butyl-benzyl-phthalate	85-68-7	100%

1. HEALTH HAZARD INFORMATION**Health Effects:****Swallowed:** Adverse effects are not expected**Eyes:** Eye irritation is not expected.**Skin:** Is not expected to cause skin irritation.**Inhaled:** Inhalation overexposure is not expected at ambient temperatures.**Chronic:** Effects are not known.**2. FIRST AID****Swallowed**

Rinse mouth and then drink plenty of water. Do not induce vomiting, seek medical advice.

Eyes

Flush with water for at least 15 minutes. A doctor should be consulted immediately.

Skin

Wash contact area with soap and water. Remove contaminated clothing.

Inhaled

Move victim to fresh air, if difficulty in breathing is experienced seek medical advice.

Advice to doctor

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Not established

Engineering controls

Use with adequate local exhaust ventilation.

Personal protection

Protective goggles

Protective gloves

Personal protection comments

Avoid inhaling aerosols and vapours. Avoid contact with eyes and skin. Keep away from food and drink stuffs. Employ good hygiene practices when using. Wash hands thoroughly after handling. A safety shower and eyewash fountain should be available in all work areas.

Flammability

Not flammable under normal conditions of use.

4. SAFE HANDLING INFORMATION**Storage conditions**

Keep container tightly closed, in a well ventilated place and remove sources of ignition. Ensure adequate ventilation and, if necessary, exhaust ventilation when handling or transferring the product.

Classification according to the Australian Code for the transport of Dangerous Goods by Road and Rail:

Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.

Packing Group: III U.N. No: 3082

DG Class: 9 Sub Risk: None Hazchem: 2X

Spills & disposal

Do not empty into drains or waters. Take up mechanically, fill into labelled, closable containers. Take up residue with absorbent material and dispose of this in accordance with the regulations. If utilisation or recycling of the product is not possible, it should be disposed of according to the local regulations and laws, e.g. by incineration in a suitable plant. Solid, empty containers are to be treated in the same way as the contents.

Fire/Explosion Hazard

In case of fire all extinguishing media are suitable. In case of fire be aware of formation of noxious fumes. Wear respiratory protection equipment. Do not let contaminated extinguishing water enter the soil, groundwater or surface waters.

5. OTHER INFORMATION**Information on toxicity:**

Acute toxicity:

LD₅₀ oral, rat: above 2000 mg/kgLD₅₀ dermal, rabbit: above 10000 mg/kg (limit test)LC₅₀ inhalation, rat: above 6.7 mg/l, 4 h of exposure

Skin irritation: non-irritant

tested on rabbits

Eye irritation: non-irritant

tested on rabbit eyes

In the guinea pig the product did not show a sensitising effect.

No mutagenic effects were observed in the various in-vivo and in-vitro investigations carried out.

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Additional Information:

Animal tests indicate possible reproductive and carcinogenic effects. There is currently no reliable scientific data to enable classification. No adverse effects to human health are known to date.

Information on ecological effects:

Biological elimination: 50-100%

Method: MITI test (OECD Test Guideline 301C) Duration of test: 28 d

Fish toxicity:

LC₅₀: 1.5-2.25 mg/l

Test species: Pimephales promelas Duration of test: 96 h

LC₅₀: 1.1 mg/l

Test species: Rainbow trout Duration of test: 96 h

Toxicity for Daphnia: EC₅₀: 1.7 mg/l

Test species: water flea (Daphnia magna) Duration of test: 48 h

Toxicity of algae: EC₅₀: 1.5 mg/l

Test species: green alga Duration of test: 72 h

Reference:

Bayer Safety Data Sheet 033611/11/GB (August 11 1999)

CONTACT POINT: Emergency response No. 0419 341 095 (all hours)

DISCLAIMER: The information given in this data sheet is based on data supplied by the manufacturer and is, to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and it is the user's responsibility to satisfy themselves that they are suitable and complete for this particular purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.