



SAFETY DATA SHEET

DIHYDRO IONONE BETA

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	DIHYDRO IONONE BETA
PRODUCT NO.	DIB
SUPPLIER	Lansdowne Chemicals Winstons house, Carterton, Oxfordshire OX18 3EZ +44 (0) 1993 843081 +44 (0) 1993 841261 Techincal department msds@lansdownearomatics.com
EMERGENCY TELEPHONE	EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333

2 HAZARDS IDENTIFICATION

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION N;R51/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
4- (2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)BU TAN-2-ONE	241-318-1	17283-81-7	60-100%	N;R51/53.
The Full Text for all R-Phrases are Displayed in Section 16				
EC No.	241-318-1			
CAS-No.	17283-81-7			

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention.

INGESTION

Immediately rinse mouth and provide fresh air. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Important! Immediately rinse with water for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder. Do not use water jet.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

DIHYDRO IONONE BETA

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Cover with inert, non-combustible, inorganic absorbent material Sweep up and removed to an approved disposal container. Avoid open flames and other sources of ignition.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Do not eat, drink or smoke when using the product. Provide good ventilation. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from air. Protect from light, including direct sunrays.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**INGREDIENT COMMENTS**

No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but protection must be used when the general level exceeds 10 mg/m³.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact.

EYE PROTECTION

Wear approved safety goggles.

OTHER PROTECTION

Provide eyewash station and safety shower.

HYGIENE MEASURES

Wash hands after handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless to pale yellow		
ODOUR	Woody, Floral-like. ORRIS Fruity.		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	261 760 mm Hg	RELATIVE DENSITY	0.9230-0.9280 25
VAPOUR PRESSURE	0.009 mm Hg 20	FLASH POINT (°C)	110 CC (Closed cup).

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid exposure to high temperatures or direct sunlight. Avoid heat, flames and other sources of ignition.

DIHYDRO IONONE BETA

MATERIALS TO AVOID

Strong alkalis. Strong acids. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide (CO). Unidentified organic compounds may be formed during combustion

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

TOXICOLOGICAL INFORMATION

To the best of our knowledge, the chemical/physical/toxicological properties have not been thoroughly investigated.

INHALATION

May be harmful if inhaled. May be irritating to mucous membranes and upper respiratory tract

INGESTION

May be harmful if swallowed.

SKIN CONTACT

May be harmful if absorbed through the skin. May cause skin irritation

EYE CONTACT

May cause eye irritation.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

No data on possible environmental effects have been found.

WATER HAZARD CLASSIFICATION

Do not allow product to reach ground water/water bodies/sewage systems.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION**PROPER SHIPPING NAME**

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (4-2, 6, 6-TRIMETHYL-1-CYCLOHEXEN-1-YL)BUTAN-2-ONE

UN NO. ROAD

3082

ADR CLASS NO.

9

ADR CLASS

Class 9: Miscellaneous dangerous substances and articles.

ADR PACK GROUP

III

TUNNEL RESTRICTION CODE

(E)

HAZARD NO. (ADR)

90 Environmentally hazardous substance; miscellaneous dangerous substances.

UN NO. SEA

3082

IMDG CLASS

9

IMDG PACK GR.

III

UN NO. AIR

3082

AIR CLASS

9

AIR PACK GR.

III

15 REGULATORY INFORMATION**LABELLING**

DIHYDRO IONONE BETA

Dangerous for the
environment

4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)BUTAN-2-ONE

CONTAINS**RISK PHRASES**

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S57 Use appropriate containment to avoid environmental contamination.

S61 Avoid release to the environment. Refer to special instructions/safety data sheets.

16 OTHER INFORMATION**GENERAL INFORMATION**

DISCLAIMER: This safety data sheet relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

INFORMATION SOURCES

Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS

This is first issue.

REVISION DATE 01-10

REV. NO./REPL. SDS 000

GENERATED

SDS NO. 11230

DATE 01-10

RISK PHRASES IN FULL

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.