

SAFETY DATA SHEET

LANSENSE 23

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

PRODUCT NAME LANSENSE 23

PRODUCT NO. LAN23

EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333

SUPPLIER Lansdowne Chemicals
Winstons house,
Carterton,
Oxfordshire
OX18 3EZ
+44 (0) 1993 843081
+44 (0) 1993 841261
Techincal department
msds@lansdownearomatics.com

2 HAZARDS IDENTIFICATION

HAZARD ID Harmful by inhalation and if swallowed.
Irritating to eyes.

CLASSIFICATION Xn;R20/22. Xi;R36.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name N,2,3-TRIMETHYL-2-ISOPROPYLBUTAMIDE

EC No. 256-974-4

CAS-No. 51115-67-4

Content 60-100%

Classification Xn;R20/22. Xi;R36.

RISK PHRASES R20/22, R36

EC No. 256-974-4

CAS-No. 51115-67-4

4 FIRST-AID MEASURES

INHALATION Move the exposed person to fresh air at once. If breathing becomes difficult, call a physician.

INGESTION Drink lots of water to dilute the substance. Get medical attention immediately.

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

EYE CONTACT Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA Water spray, foam, dry powder or carbon dioxide. Do not use water jet.

SPECIFIC HAZARDS By fire, toxic gases may be formed (COx, NOx).

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

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 Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS Keep away from heat, sparks and open flame.

STORAGE PRECAUTIONS Keep containers tightly closed. Protect from air.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS No exposure limits noted for ingredient(s).

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES Provide adequate ventilation.

RESPIRATORY EQUIPMENT In the event of formation of particularly high levels of vapour, a self-contained breathing apparatus may be appropriate.

HAND PROTECTION Use suitable protective gloves if risk of skin contact.

EYE PROTECTION Wear approved safety goggles.

OTHER PROTECTION Provide eyewash station.

HYGIENE MEASURES Wash hands after handling. Wash contaminated clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Powder, dust

COLOUR White / off-white

ODOUR Slight menthol odour

BOILING POINT (°C) 252
 MELTING POINT (°C) 62-64
 VAPOUR DENSITY >1
 (air=1)
 VAPOUR PRESSURE 0.004 mmHg 25
 SOLUBILITY VALUE 7.0g/l @ 20.deg C
 (g/100g H₂O@20°C)
 FLASH POINT (°C) 100 TCC (Tag closed cup).
 PARTITION Log10Pow 2.23
 COEFFICIENT
 (N-Octanol/Water)

10 STABILITY AND REACTIVITY

STABILITY Stable under normal temperature conditions.
 CONDITIONS TO AVOID Avoid heat, flames and other sources of ignition.
 HAZARDOUS Will not polymerise.
 POLYMERISATION
 MATERIALS TO AVOID Oxidising agents.
 HAZARDOUS Toxic gases/vapours/fumes of: Carbon
 DECOMPOSITION monoxide (CO). Carbon dioxide (CO₂).
 PRODUCTS

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 500-1000 mg/kg (oral rat)
 TOXICOLOGICAL No information available.
 INFORMATION
 INHALATION May be harmful if inhaled.
 INGESTION Harmful if swallowed.
 SKIN CONTACT Powder may irritate skin. May be harmful if absorbed through the skin.
 EYE CONTACT May cause severe irritation to eyes.
 TARGET ORGANS Eyes. Respiratory system, lungs.
 MEDICAL SYMPTOMS conjunctivitis

12 ECOLOGICAL INFORMATION

ECOTOXICITY No data on possible environmental effects have been found.

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

TRANSPORT LABELS

PROPER SHIPPING N-2,
 NAME 3-TRIMETHYL-2-ISOPROPYL BUTAMIDE
 ADR CLASS Not classified for transportation.

15 REGULATORY INFORMATION

Harmful

RISK PHRASES

R20/22 Harmful by inhalation and if swallowed.

R36 Irritating to eyes.

SAFETY PHRASES

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S51 Use only in well-ventilated areas.

S60 This material and its container must be disposed of as hazardous waste.

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 Material Safety Data Sheet, Misc.
 SOURCES manufacturers.

REVISION COMMENTS Revision due to amendment of contents in section: 1, 16.

ISSUED BY HS&E Manager.

REV. NO./REPL. SDS 002

GENERATED

SDS NO. 10986

DATE 04-09

RISK PHRASES IN FULL Harmful by inhalation and if swallowed.
 Irritating to eyes.

