

SAFETY DATA SHEET

MALTOL

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

PRODUCT NAME MALTOL

PRODUCT NO. MALT

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
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Techincal department
msds@lansdownearomatics.com

2 HAZARDS IDENTIFICATION

HAZARD ID Harmful if swallowed. Irritating to eyes, respiratory system and skin.

CLASSIFICATION Xn;R22. Xi;R36/37/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name 3-HYDROXY-2-METHYL-4-PYR

EC No. ONE
204-271-8

CAS-No. 118-71-8

Content 60-100%

Classification Xn;R22. Xi;R36/37/38.

RISK PHRASES R22, R36/37/38

EC No. 204-271-8

CAS-No. 118-71-8

4 FIRST-AID MEASURES

INHALATION Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!
Immediately rinse mouth and provide fresh air. Get medical attention.

SKIN CONTACT Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA Water spray. Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES Use supplied air respirator if product is involved in a fire.

SPECIFIC HAZARDS Toxic gases/vapours/fumes of Oxides of: Carbon.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS Store in tightly closed original container in a dry, cool and well-ventilated place.

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 against nuisance dust must be used when the general level exceeds 10 mg/m3.

HAND PROTECTION Use protective gloves.

EYE PROTECTION Wear approved safety goggles.

HYGIENE MEASURES Wash at the end of each work shift and before eating, smoking and using the toilet.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Powder, dust

COLOUR White

MELTING POINT (°C) ~ 162

AUTO IGNITION 739

TEMPERATURE (°C)

10 STABILITY AND REACTIVITY

STABILITY Stable under normal temperature conditions.

CONDITIONS TO AVOID Avoid excessive heat for prolonged periods of time.

MATERIALS TO AVOID Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS Toxic gases/vapours/fumes of: Oxides of: Carbon.

SDS NO. 10437

RISK PHRASES IN FULL Harmful if swallowed.
Irritating to eyes, respiratory system and skin.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 1410 mg/kg (oral rat)

TOXICOLOGICAL INFORMATION
INHALATION Skin-rabbit (500mg/24 hours) = Moderate.
May cause irritation to the respiratory system.

INGESTION Harmful if swallowed.

SKIN CONTACT Powder may irritate skin.

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

UN NO. ROAD 0

ADR CLASS Not classified for transportation.

15 REGULATORY INFORMATION



Harmful

RISK PHRASES

R36/37/38 Irritating to eyes, respiratory system and skin.
R22 Harmful if swallowed.

SAFETY PHRASES

S22 Do not breathe dust.
S36 Wear suitable protective clothing.
S60 This material and its container must be disposed of as hazardous waste.

16 OTHER INFORMATION

GENERAL INFORMATIONDISCLAIMER: 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 Revision due to amendment of contents in section: 1, 16.

REVISION DATE 04-09

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