

## SAFETY DATA SHEET

## MUSK KETONE

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

PRODUCT NAME MUSK KETONE

PRODUCT NO. MUSKET

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 Limited evidence of a carcinogenic effect. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Carc 3;R40. N;R50/53.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name 4-TERT-BUTYL-2,6-DIMETHYL-3,5-DINITROACETOPHEONE

EC No. 201-328-9

CAS-No. 81-14-1

Content 60-100%

Classification Carc 3;R40. N;R50/53.

RISK PHRASES R40, R50/53

EC No. 201-328-9

CAS-No. 81-14-1

**4 FIRST-AID MEASURES**

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

INGESTION Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

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. Foam, carbon dioxide or dry powder.

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

SPECIFIC HAZARDS Oxides of: Carbon. Nitrogen.

**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 Wear suitable respiratory protection.

HAND PROTECTION Use protective gloves. Obtain the appropriate professional advice taking into account of the conditions under which the glove is used.

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 Crystals or crystalline

COLOUR White to Yellow

SOLUBILITY Insoluble in water Slightly soluble in: Ethanol.

MELTING POINT (°C) 134

PARTITION COEFFICIENT (N-Octanol/Water) LOG KOW: 4.3

**10 STABILITY AND REACTIVITY**

STABILITY	Stable under normal temperature conditions.
HAZARDOUS POLYMERISATION	Will not polymerise.
MATERIALS TO AVOID	Strong acids. Strong bases.
HAZARDOUS DECOMPOSITION PRODUCTS	Toxic gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Nitrogen Oxides

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50	>10000 mg/kg (oral rat)
TOXIC DOSE 2 - LD 50	>10000 mg/kg (skn-rbt)
INHALATION	May be harmful if inhaled. May cause irritation to the respiratory system.
INGESTION	May be harmful if swallowed.
SKIN CONTACT	Powder may irritate skin. May be harmful if absorbed through the skin.
EYE CONTACT	May cause eye irritation.
HEALTH WARNINGS	Known or suspected carcinogen for humans.

**12 ECOLOGICAL INFORMATION**

ECOTOXICITY	No data on possible environmental effects have been found.
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**13 DISPOSAL CONSIDERATIONS**

DISPOSAL METHODS	Dispose of waste and residues in accordance with local authority requirements.
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**14 TRANSPORT INFORMATION**

GENERAL	LQ NUMBER: 27 EXCEPTED QUANTITY: E1
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**TRANSPORT LABELS**

UK ROAD CLASS	9
PROPER SHIPPING NAME	ENVIRONMENTAL HAZARDOUS SUSTANCE, SOLID, N.O.S (MUSK KETONE)
UN NO. ROAD	3077
UK ROAD PACK GR.	III
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.
HAZCHEM CODE	M7
RID CLASS NO.	9
RID PACK GROUP	III

UN NO. SEA	3077
IMDG CLASS	9
IMDG PACK GR.	III
UN NO. AIR	3077
AIR CLASS	9
AIR PACK GR.	III

**15 REGULATORY INFORMATION**

Harmful

Dangerous  
for the  
environment**RISK PHRASES**

R40	Limited evidence of a carcinogenic effect.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**SAFETY PHRASES**

S36/37	Wear suitable protective clothing and gloves.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

**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
REV. NO./REPL. SDS GENERATED	007
SDS NO.	10243
DATE	04-09
RISK PHRASES IN FULL	Limited evidence of a carcinogenic effect. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

