

## SAFETY DATA SHEET

## GAMMA NONANOICLACTONE

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

PRODUCT NAME GAMMA NONANOICLACTONE

PRODUCT NO. GN

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 Not regarded as a health or environmental hazard under current legislation.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name GAMMA NONANOICLACTONE

EC No. 203-219-1

CAS-No. 104-61-0

Content 60-100%

Classification -

RISK PHRASES NC

EC No. 203-219-1

CAS-No. 104-61-0

**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 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. 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.

**6 ACCIDENTAL RELEASE MEASURES**

PERSONAL PRECAUTIONS For personal protection, see section 8.

ENVIRONMENTAL PRECAUTIONS Avoid release to the environment.

SPILL CLEAN UP METHODS Cover with inert, non-combustible, inorganic absorbent material Sweep up and removed to an approved disposal container. Flush with plenty of water to clean spillage area.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS Avoid spilling, skin and eye contact. Observe good industrial hygiene practices.

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

**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 respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

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.

OTHER PROTECTION Provide eyewash station and safety shower.

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

**9 PHYSICAL AND CHEMICAL PROPERTIES**

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APPEARANCE Colourless liquid Mobile  
 ODOUR COCONUT  
 SOLUBILITY Insoluble in water  
 BOILING POINT (°C) 243  
 FLASH POINT (°C) >138 Not noted.

**10 STABILITY AND REACTIVITY**

STABILITY Stable under normal temperature conditions.  
 MATERIALS TO AVOID Strong oxidising substances. Strong alkalis. Strong acids.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 6600 mg/kg (oral rat)  
 TOXIC DOSE 2 - LD 50 >5000 mg/kg (oral rat)  
 INHALATION May cause irritation to the respiratory system.  
 INGESTION May cause severe internal injury.  
 SKIN CONTACT May be absorbed through the skin. May cause skin irritation  
 EYE CONTACT May cause temporary eye irritation. May cause eye irritation.

**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. Incinerate in suitable combustion chamber.

**14 TRANSPORT INFORMATION**

UN NO. ROAD N/A  
 ADR CLASS Not classified for transportation.

**15 REGULATORY INFORMATION**

RISK PHRASES  
 NC Not classified.  
 SAFETY PHRASES  
 NC Not classified.

**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 Material Safety Data Sheet, Misc.  
 SOURCES manufacturers.  
 REVISION COMMENTS This is first issue.  
 REVISION DATE 06-09  
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 GENERATED  
 SDS NO. 11090  
 DATE 06-09  
 RISK PHRASES IN FULL Not classified.

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