

## SAFETY DATA SHEET

## n-DECANAL

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

PRODUCT NAME n-DECANAL

PRODUCT NO. DEC

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

SUPPLIER Lansdowne Chemicals  
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Carterton,  
Oxfordshire  
OX18 3EZ  
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Techincal department  
msds@lansdownearomatics.com

**2 HAZARDS IDENTIFICATION**

HAZARD ID Irritating to skin. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xi;R38. R52/53.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name DECANAL

EC No. 203-957-4

CAS-No. 112-31-2

Content 60-100%

Classification Xi;R38. R52/53.

RISK PHRASES R38, R52/53

EC No. 203-957-4

CAS-No. 112-31-2

**4 FIRST-AID MEASURES**

INHALATION Move the exposed person to fresh air at once. Consult a physician for specific advice.

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 irritation persists after washing.

EYE CONTACT Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Contact physician if irritation persists.

**5 FIRE-FIGHTING MEASURES**

EXTINGUISHING MEDIA Extinguish with foam, carbon dioxide or dry powder.

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.

**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. Ventilate area and wash spill site after material pickup is complete. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. For waste disposal, see section 13.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS 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. Protect from air. 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 protection must be used when the general level exceeds 10 mg/m<sup>3</sup>.

HAND PROTECTION Use protective gloves.

EYE PROTECTION Wear approved safety goggles.

OTHER PROTECTION Provide eyewash station and safety shower.

HYGIENE MEASURES Wash promptly if skin becomes wet or contaminated.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE Mobile Clear liquid

COLOUR Colourless to pale yellow

ODOUR Strong. Strong. Citrus Citrus

BOILING POINT (°C) 208-210  
 MELTING POINT (°C) -5  
 FLASH POINT (°C) 82 Not noted.

**10 STABILITY AND REACTIVITY**

STABILITY Stable under normal temperature conditions and recommended use.  
 MATERIALS TO AVOID Strong acids. Strong oxidising substances. Strong alkalis.  
 HAZARDOUS Carbon monoxide (CO). Unidentified  
 DECOMPOSITION organic compounds may be formed during  
 PRODUCTS combustion

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 3750 mg/kg (oral rat)  
 TOXIC DOSE 2 - LD 50 5040 mg/kg (skn-rbt)  
 TOXICOLOGICAL INFORMATION To the best of our knowledge, the chemical/physical/toxicological properties have not been thoroughly investigated.  
 INHALATION May be harmful if inhaled.  
 INGESTION May be harmful if swallowed.  
 SKIN CONTACT May cause skin irritation May cause sensitisation by skin contact.  
 EYE CONTACT 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.

**14 TRANSPORT INFORMATION**

## TRANSPORT LABELS

PROPER SHIPPING NAME ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (DECANAL)

ADR CLASS Not classified for transportation.

**15 REGULATORY INFORMATION**

Irritant

## RISK PHRASES

R38 Irritating to skin.  
 R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## SAFETY PHRASES

S24 Avoid contact with skin.  
 S37 Wear suitable gloves.  
 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 Material Safety Data Sheet, Misc.  
 SOURCES manufacturers.

REVISION COMMENTS This is first issue.

REVISION DATE 05-09

REV. NO./REPL. SDS 000

GENERATED

SDS NO. 11175

DATE 05-09

RISK PHRASES IN FULL Irritating to skin.  
 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

