

SAFETY DATA SHEET

TRANS-2-HEXENAL

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

PRODUCT NAME TRANS-2-HEXENAL

PRODUCT NO. T2H

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 in contact with skin and if swallowed. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R21/22. R43. N;R51/53.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name TRANS-2-HEXEN-1-AL

EC No. 229-778-1

CAS-No. 6728-26-3

Content 60-100%

Classification Xn;R21/22. N;R51/53. R10,R43.

RISK PHRASES R10, R21/22, R43, R51/53

EC No. 229-778-1

CAS-No. 6728-26-3

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/m³.

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 Green Fruity. Citrus

BOILING POINT (°C) 146

FLASH POINT (°C) 43 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 50 780 mg/kg (oral rat)

TOXIC DOSE 2 - LD 50 600 mg/kg (skn-rbt)

TOXICOLOGICAL INFORMATION To the best of our knowledge, the chemical/physical/toxicological properties have not been thoroughly investigated.

GENERAL INFORMATION IRRITABILITY: SKIN-RABBIT 500mg/24h

INHALATION May be harmful if inhaled.

INGESTION 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

GENERAL LQ NUMBER: 7

EXCEPTED QUANTITY: E1

TRANSPORT LABELS



UK ROAD CLASS 3 (6.1)

PROPER SHIPPING NAME ALDEHYDES, FLAMMABLE, TOXIC, N.O.S. (TRANS-2-HEXEN-1-AL)

UN NO. ROAD 1988

UK ROAD PACK GR. III

ADR CLASS NO. 3 (6.1)

ADR CLASS Class 3: Flammable liquids.

ADR PACK GROUP III

TUNNEL RESTRICTION CODE (D/E)

HAZARD NO. (ADR) 30 Flammable liquid (flash-point between 23°C and 61°C, inclusive) or flammable liquid or solid in the molten state with a flash-point above 61°C, heated to a temperature equal to or above its flash-point, or self heating liquid.

UN NO. SEA 1988

IMDG CLASS 3 (6.1)

IMDG PACK GR. III

UN NO. AIR 1988

AIR CLASS 3

AIR PACK GR. III

15 REGULATORY INFORMATION



Harmful



Dangerous for the environment

RISK PHRASES

R21/22 Harmful in contact with skin and if swallowed.

R43 May cause sensitisation by skin contact.

R51/53 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 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 SOURCES Material Safety Data Sheet, Misc. manufacturers.

REVISION COMMENTS This is first issue.

REVISION DATE 05-09

REV. NO./REPL. SDS 000

GENERATED

SDS NO. 11171

DATE 05-09

RISK PHRASES IN FULL	Flammable. Harmful in contact with skin and if swallowed. May cause sensitisation by skin contact. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
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