

SAFETY DATA SHEET

HELIOTROPIN

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

PRODUCT NAME HELIOTROPIN

PRODUCT NO. HELIO

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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+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

EC No. 204-409-7

GROSS FORMULA C₈H₆O₃

CAS-No. 120-57-0

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.

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

UNUSUAL FIRE & Emits toxic fumes under fire conditions.

EXPLOSION HAZARDS

SPECIFIC HAZARDS Oxides of: Carbon.

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP Sweep up, place in a bag and hold for
METHODS waste disposal. Ventilate area and wash
spill site after material pickup is complete.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS Avoid spilling, skin and eye contact. Avoid
handling which leads to dust formation.

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

Protect from light, including direct sunrays.
STORAGE CLASS Chemical storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT No exposure limits noted for ingredient(s).
COMMENTS
PROTECTIVE
EQUIPMENT



ENGINEERING Provide adequate general and local
MEASURES exhaust ventilation.

RESPIRATORY Wear suitable respiratory protection.

EQUIPMENT
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

COLOUR Colourless

ODOUR Floral-like.

SOLUBILITY Insoluble in water Soluble in Alcohol Ether.

BOILING POINT (°C) 263 760 mm Hg

MELTING POINT (°C) 36

VAPOUR PRESSURE 1 mmHg @ 87 °c

FLASH POINT (°C) 113 CC (Closed cup).

PARTITION LOG KOW: 1.05

COEFFICIENT
(N-Octanol/Water)**10 STABILITY AND REACTIVITY**

10 STABILITY AND REACTIVITY

STABILITY	Stable under normal temperature conditions. Substance may undergo colour change upon exposure to light and air.
CONDITIONS TO AVOID	May discolour on exposure to light.
HAZARDOUS POLYMERISATION	Will not polymerise.
MATERIALS TO AVOID	Strong oxidising substances. Strong bases.
HAZARDOUS DECOMPOSITION PRODUCTS	Toxic gases/vapours/fumes of: Oxides of: Carbon.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50	2700 mg/kg (oral rat)
TOXIC DOSE 2 - LD 50	> 5 mg/kg (skn-rat)
INHALATION	May cause irritation to the respiratory system. May be harmful if inhaled.
INGESTION	May be harmful if swallowed.
SKIN CONTACT	Irritating to skin. May be harmful if absorbed through the skin.
EYE CONTACT	May cause eye irritation.

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

TRANSPORT LABELS

ADR CLASS	Not classified for transportation.
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15 REGULATORY INFORMATION

RISK PHRASES	
NC	Not classified.
SAFETY PHRASES	
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16 OTHER INFORMATION

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	005-
SDS NO.	10235

DISCLAIMER

This information 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.