

SAFETY DATA SHEET

HELIOTROPIN

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING	
PRODUCT NAME	HELIOTROPIN
PRODUCT NO.	HELIOTROPIN
	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 Technical department msds@lansdownearomatics.com

2 HAZARDS IDENTIFICATION

HAZARD ID	Not regarded as a health or environmental hazard under current legislation.
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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 PROCEDURES	Use supplied air respirator if product is involved in a fire.
UNUSUAL FIRE & EXPLOSION HAZARDS	Emits toxic fumes under fire conditions.
SPECIFIC HAZARDS	Oxides of: Carbon.

6 ACCIDENTAL RELEASE MEASURES

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

USAGE PRECAUTIONS	Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation.
STORAGE PRECAUTIONS	Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays.
STORAGE CLASS	Chemical storage.

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
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 COEFFICIENT	LOG KOW: 1.05
(N-Octanol/Water)	

10 STABILITY AND REACTIVITY

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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	005-
GENERATED SDS NO.	10235

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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.