




## SAFETY DATA SHEET

## LANBROXYDE

<b>1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING</b>		UNUSUAL FIRE & EXPLOSION HAZARDS	Closed containers may build up pressure at elevated temperatures Cool containers with water spray
PRODUCT NAME	LANBROXYDE	SPECIFIC HAZARDS	Toxic gases/vapours/fumes of Oxides of Carbon.
PRODUCT NO.	AMBROX	<b>6 ACCIDENTAL RELEASE MEASURES</b>	
	EMERGENCY INFORMATION OUT OF OFFICE HOURS, PLEASE CONTACT CARECHEM 24: +44 (0)1270 502891 OR +44 (0)1865 407333	PERSONAL PRECAUTIONS	Wear protective clothing as described in Section 8 of this safety data sheet.
SUPPLIER	Lansdowne Chemicals Winstons house, Carterton, Oxfordshire OX18 3EZ +44 (0) 1993 843081 +44 (0) 1993 841261 Techincal department msds@lansdownearomatics.com	ENVIRONMENTAL PRECAUTIONS	Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.
		SPILL CLEAN UP METHODS	Cover with inert, non-combustible, inorganic absorvent material Sweep up, place in a bag and hold for waste disposal.
<b>2 HAZARDS IDENTIFICATION</b>		<b>7 HANDLING AND STORAGE</b>	
HAZARD ID	Not regarded as a health or environmental hazard under current legislation.	USAGE PRECAUTIONS	Avoid spilling, skin and eye contact.
<b>3 COMPOSITION/INFORMATION ON INGREDIENTS</b>		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.
Name	AMBROXIDE	<b>8 EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
EC No.	229-861-2	INGREDIENT COMMENTS	No exposure limits noted for ingredient(s).
CAS-No.	6790-58-5	PROTECTIVE EQUIPMENT	
Content	60-100%		
Classification	-		
RISK PHRASES	NC		
EC No.	229-861-2	ENGINEERING MEASURES	Provide adequate general and local exhaust ventilation.
CAS-No.	6790-58-5	RESPIRATORY EQUIPMENT	No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m3. Avoid breathing directly on to the product
<b>4 FIRST-AID MEASURES</b>		HAND PROTECTION	Use protective gloves. Obtain the appropriate professional advice taking into account of the conditions under which the glove is used.
INHALATION	Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.	EYE PROTECTION	Wear approved safety goggles.
INGESTION	Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.	HYGIENE MEASURES	Wash at the end of each work shift and before eating, smoking and using the toilet.
SKIN CONTACT	Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.	<b>9 PHYSICAL AND CHEMICAL PROPERTIES</b>	
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.	APPEARANCE	Crystalline powder
<b>5 FIRE-FIGHTING MEASURES</b>		COLOUR	White
EXTINGUISHING MEDIA	Foam, carbon dioxide or dry powder.	ODOUR	Characteristic
SPECIAL FIRE FIGHTING PROCEDURES	Use supplied air respirator if product is involved in a fire.		

SOLUBILITY	Slightly soluble in water. Soluble in Ethanol. Organic solvents.
BOILING POINT (°C)	120
MELTING POINT (°C)	74-80
FLASH POINT (°C)	161
REFRACTIVE INDEX	25

**10 STABILITY AND REACTIVITY**

STABILITY	Stable under normal temperature conditions.
CONDITIONS TO AVOID	Easily oxidised in air. Avoid heat.
HAZARDOUS POLYMERISATION MATERIALS TO AVOID	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS	Strong oxidising substances. Strong acids. Alkali
	Toxic gases/vapours/fumes of: Oxides of: Carbon.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50	>2000 mg/kg (oral rat)
INHALATION	May be harmful if inhaled.
INGESTION	May cause discomfort if swallowed. May be harmful if swallowed.
SKIN CONTACT	Irritating to skin. May be harmful if absorbed through the skin.
EYE CONTACT	Irritating to eyes.

**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.
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## SAFETY PHRASES

S22	Do not breathe dust.
S36	Wear suitable protective clothing.

**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 SOURCES Ventos Material Data Sheet

REVISION COMMENTS Revision due to amendment of contents in section: 1, 16.

REVISION DATE 04-09

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GENERATED

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DATE 04-09

RISK PHRASES IN FULL Not classified.