

## SAFETY DATA SHEET

## ORTHO TERTIARY BUTYL CYCLO HEXYL ACETATE

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

PRODUCT NAME ORTHO TERTIARY BUTYL CYCLO  
HEXYL ACETATE

PRODUCT NO. OTBCHA

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

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Techincal department  
msds@lansdownearomatics.com

**2 HAZARDS IDENTIFICATION**

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

CLASSIFICATION N;R51/53.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name 2-t-BUTYL CYCLOHEXYL  
ACETATE

EC No. 201-828-7

CAS-No. 88-41-5

Content 60-100%

Classification N;R51/53.

RISK PHRASES R51/53

EC No. 201-828-7

GROSS FORMULA C12H22O2

CAS-No. 88-41-5

**4 FIRST-AID MEASURES**

INHALATION Move the exposed person to fresh air at  
once. Get medical attention.

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 any  
discomfort continues.

EYE CONTACT Important! Immediately rinse with water for  
at least 15 minutes. Get medical attention  
if any discomfort continues.

**5 FIRE-FIGHTING MEASURES**

EXTINGUISHING MEDIA Extinguish with foam, carbon dioxide or  
dry powder. Do not use water jet.

UNUSUAL FIRE &  
EXPLOSION HAZARDS Cool containers with water spray

PROTECTIVE Self contained breathing apparatus and full  
protective clothing must be worn in case of  
fire.

**6 ACCIDENTAL RELEASE MEASURES**

PERSONAL Wear protective clothing as described in  
Section 8 of this safety data sheet.

ENVIRONMENTAL Do not discharge onto the ground or into  
water courses.

SPILL CLEAN UP Cover with inert, non-combustible,  
inorganic absorbent material Sweep up and  
removed to an approved disposal  
container. Avoid open flames and other  
sources of ignition.

**7 HANDLING AND STORAGE**

USAGE PRECAUTIONS Avoid eating, drinking and smoking when  
using the product. Observe good industrial  
hygiene practices.

STORAGE Store in tightly closed original container in  
a dry, cool and well-ventilated place. Keep  
away from heat, sparks and open flame.  
Protect from light, including direct sunrays.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

INGREDIENT No exposure limits noted for ingredient(s).

COMMENTS  
PROTECTIVE  
EQUIPMENT



ENGINEERING MEASURES Provide adequate general and local  
exhaust ventilation.

RESPIRATORY EQUIPMENT If ventilation is insufficient, suitable  
respiratory protection must be provided.

HAND PROTECTION Use suitable protective gloves if risk of skin  
contact.

EYE PROTECTION Wear approved safety goggles.

OTHER PROTECTION Provide eyewash station and safety  
shower.

HYGIENE MEASURES Wash hands after handling.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE Clear Mobile Solid or liquid (may vary).

COLOUR Colourless to pale yellow

ODOUR Fresh. Fruity.

MELTING POINT (°C) 23-27

FLASH POINT (°C) 96

**10 STABILITY AND REACTIVITY**

STABILITY Stable under normal temperature conditions and recommended use.

MATERIALS TO AVOID Strong acids. Strong alkalis. Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS Carbon monoxide (CO). Unidentified organic compounds may be formed during combustion

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50 4600 mg/kg (oral rat)

TOXIC DOSE 2 - LD 50 >5000 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. May be irritating to mucous membranes and upper respiratory tract

INGESTION May be harmful if swallowed.

SKIN CONTACT May cause skin irritation May be harmful if absorbed through the skin.

EYE CONTACT May cause eye irritation.

**12 ECOLOGICAL INFORMATION**

ECOTOXICITY There are no data on the ecotoxicity of this product.

WATER HAZARD CLASSIFICATION Do not allow product to reach ground water/water bodies/sewage systems.

**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, SOLID, N.O.S (ORTHO TERTIARY BUTYL CYCLO HEXYL ACETATE)

UN NO. ROAD 3077

ADR CLASS NO. 9

ADR CLASS Class 9: Miscellaneous dangerous substances and articles.

ADR PACK GROUP III

TUNNEL RESTRICTION CODE (E)

HAZARD NO. (ADR) 90 Environmentally hazardous substance; miscellaneous dangerous substances.

UN NO. SEA 3077

IMDG CLASS 9

IMDG PACK GR. III

UN NO. AIR 3077

AIR CLASS 9

AIR PACK GR. III

**15 REGULATORY INFORMATION**



Dangerous for the environment

RISK PHRASES

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S57 Use appropriate containment to avoid environmental contamination.

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 02/08

REV. NO./REPL. SDS 000

GENERATED

SDS NO. 11017

DATE 02-08

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

