

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

Dencryl ACCL

Revision Date: 07.07.2025

Version 1.0

Print Date 07.07.2025

Date of last issue: -

1. Identification of the Substance/Preparation and of the Company/Undertaking**Dencryl ACCL****Recommended use(s):**

Curring accelerator for the manufacturing of acrylic floors

Company name of supplier : Dencoat International ApS
E-mail: info@dencoat.com
Website: www.dencoat.com

Telephone : +45 88 44 22 27

E-mail address of person
responsible for the SDS : technical@dencoat.com

In case of emergency call +45 88 44 22 27

2. Composition/Information on Ingredients

Activator on the basis of N,N-dimethyl-p-toluidine

INDEX Number 612-056-00-9

EINECS Number 202-805-4

CAS Number 99-97-8

3. Hazards Identification

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First Aid Measures**General information**

Remove soiled, soaked clothing immediately. Medical treatment is necessary if symptoms occur which are obviously caused by skin or eye contact with the product or by inhalation of its vapours.

After inhalation

Move subject to fresh air and keep him calm. Contact a doctor immediately.

After contact with eyes

Flush eyes thoroughly with a large amount of water and consult a physician.

After contact with skin

Flush the affected areas with an ethanol / polyethylene glycol 300 mixture (1:2) and clean thoroughly with soap and water. Then apply polyethylene glycol 400 (e.g. LUTROL[®]) copiously. See a physician. If skin, lips or fingernails become discoloured, apply oxygen. Refrain from alcohol consumption and physical exertion. A physician must be consulted at all costs!

After Ingestion

Contact a doctor immediately.

Advice to physician**Treatment**

At onset of cyanosis (lips, ear lobes, finger nails) give oxygen as quickly as possible.

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5. Fire-fighting Measures**Suitable extinguishing media**

water spray, foam, dry chemical, carbon dioxide

Unsuitable extinguishing media for safety reasons

full water jet

Special protective equipment for fire fighting

Wear self-contained breathing apparatus.

Special risks posed by the material, its products of combustion or gases formed

In fires, hazardous combustion gases are formed: nitrogen oxides

6. Accidental Release Measures**Precautionary measures related to people**

Take care for adequate ventilation. Use personal protective clothing. Remove persons to safety. Keep away sources of ignition. Use breathing apparatus if exposed to vapours/dust/mist/aerosol.

Environmental protective measures

Prevent product from getting into drains/surface water/groundwater.

Methods of cleaning / adsorption

Larger quantities: Remove mechanically (by pumping). Use explosion-proof equipment! Smaller quantities and/or residues: Contain with absorbent material (e.g. sand, diatomaceous earth, acid absorbent, universal absorbent or sawdust). Dispose of in accordance with regulations.

7. Handling and Storage**Handling****Instructions on safe handling**

Ensure the area is well ventilated. Do not leave the vessels/containers open.

Information on fire and explosion protection

Keep away from sources of ignition --- No smoking. Take precautionary measures against static discharges. When heated above the flash point and/or during spraying (atomizing), ignitable mixtures may form in air. In the event of fire, cool the endangered containers with water.

Storage**Requirements for storage areas and containers**

Storage: dry. Keep only in the original container at a temperature not exceeding 40 °C. Keep container tightly closed. Protect from light.

Advice on storage compatibility

Do not store together with strong oxidizing agents.

8. Exposure Controls/Personal Protection**Occupational exposure controls**

For monitoring procedures refer to for instance "Empfohlene Analysenverfahren für Arbeitsplatzmessungen", Schriftenreihe der Bundesanstalt für Arbeitsschutz and "NIOSH Manual of Analytical Methods", National Institute for Occupational Safety and Health

Personal protective equipment**General protective measures**

Do not inhale vapours. Absolutely avoid contact with the eyes and/or skin. Avoid exposure - Obtain special instructions before use.

Hygiene measures

Remove soiled or soaked clothing immediately. Store work clothing separately. Follow the usual good standards of occupational hygiene. Clean skin thoroughly after work; apply skin cream.

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Respiratory protection

Breathing apparatus in case of high concentrations, short term: filter appliance, filter NO

Hand protection

PVC gloves (minimal thickness 0.8 mm), Breakthrough time approx. 120 min (EN 374)

In practice, due to variable exposure conditions, this information can only be an aid to orientation for the selection of a suitable chemical protection glove. In particular, this information does not substitute suitability tests by the end user.

General information

Gloves should be replaced regularly, especially after extended contact with the product. For each work-place a suitable glove type has to be selected.

Eye protection

tightly fitting goggles

Body protection

on handling of larger quantities: face mask, chemical-resistant boots and apron

9. Physical and Chemical Properties**Appearance**

Form :	liquid
Colour :	colourless to brown
Odour :	aniline-like

Data relevant to safety**Changes in physical state**

Freezing Temperature	approx. -25 °C
Boiling Temperature	approx. 211 °C at 1,013 hPa
Flash point	approx. 83 °C
Ignition temperature	approx. 425 °C (DIN 51794)
Auto ignition	not determined
Lower explosion limit	not determined
Upper explosion limit	not determined
Vapour pressure	approx. 0.1 hPa at 20 °C
Density	0.94 g/cm ³ at 20 °C
Solubility in water	virtually insoluble
Solubility (qualitative)	miscible with esters and ketones
pH-value	not applicable
n-Octanol/water partition coefficient	log Pow 2.36 (HPLC) source: literature
Viscosity (dynamic)	< 10 mPa.s at 23 °C (Brookfield)
Further information	none

10. Stability and Reactivity**Thermal decomposition**

No decomposition when used as directed.

Hazardous reactions

Incompatible with iron. In direct contact with concentrated peroxides, product may cause explosive dissociation of the peroxides.

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Hazardous decomposition productsNone when used as directed.

11. Toxicological Information**Acute Oral Toxicity**LD50 rat, FDA-Guideline 996 mg/kg
(own study)**Acute Inhalational Toxicity**Toxic by inhalation.
LC50 rat, 4 h 1.4 mg/l**Irritant Effect on the Skin**rabbit, 24 h, Draize, reevaluated acc. to OECD 404
(own study) not irritating**Irritant Effect on the Eyes**

Contact with the eyes may cause irritation.

General information

Methaemoglobinaemia possible after skin contact. Symptoms of poisoning may occur many hours after contact. Possibility of liver damage. Carefully avoid contact with skin and eyes as well as inhalation of product vapours.

12. Ecological Information**Information on elimination (persistence and degradability)****Biodegradability**

difficultly biodegradable, BOD approx. 5 %

Ecotoxicological effect**Fish toxicity**

LC50 Pimephales promelas, flow through, 96 h 46 mg/l

General information

Do not allow to enter soil, waterways or waste water May cause long-term adverse effects in the aquatic environment.

13. Disposal considerations**Product**

Waste is hazardous. It must be disposed of in accordance with the regulations after consultation of the competent local authorities and the disposal company in a suitable and licensed facility.

Uncleaned packaging

Contaminated packaging should be emptied optimally and after appropriate professional cleansing may be taken for reuse. Packaging that cannot be cleaned should be disposed of professionally. Uncontaminated packaging may be taken for recycling.

Code of waste EWC

07 02 08

waste from the manufacture, formulation, supply and use (MFSU) of plastics, synthetic rubber and man-made fibres - other still bottoms and reaction residues

Always check the given waste codes according to the actual conditions of manufacturing, formulation or use in your facilities.

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14. Transport Information

Overland transport ADR/RID/GGVSE

UN 1708 TOLUIDINES, LIQUID, 6.1, II
 Hazard no. 60

Inland waterway transport ADNR

UN 1708 TOLUIDINES, LIQUID, 6.1, II

Shipment by sea IMDG/GGVSee

UN number 1708
 Class 6.1
 EmS F-A, S-A
 Marine pollutant -
 Packaging group II
 Proper Shipping Name TOLUIDINES, LIQUID

Air transport ICAO/IATA

UN number 1708
 Class 6.1
 Packaging group II
 Proper Shipping Name TOLUIDINES, LIQUID

15. Regulatory Information

Labelling in accordance with EC directives

requires labelling

Hazard symbol(s)

T Toxic

R-phrases(s)

23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
 33 Danger of cumulative effects.
 52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

28 After contact with skin immediately wash with plenty of an ethanol polyethyleneglycol-300 mixture and afterwards with water and soap.
 36/37 Wear suitable protective clothing and gloves.
 45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 61 Avoid release to the environment. Refer to special instructions/Safety data sheets before use.

Status of Registration

EINECS (EU)	listed or exempted
TSCA (USA)	listed or exempted
DSL (CDN)	listed or exempted
AICS (AUS)	listed or exempted
METI (J)	listed or exempted
ECL (KOR)	listed or exempted
PICCS (RP)	listed or exempted
IECS (VR)	listed or exempted

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	HSNO (NZ)	listed or exempted	
Occupational restrictions		Note for juveniles. Note for pregnant woman and nursing mothers (EC Directive 92/85/EEC).	

16. Other Information

Miscellaneous information

none

References

relevant manuals and publications
own examinations
own toxicological and ecotoxicological studies
toxicological and ecotoxicological studies of other manufacturers
SIAR
OECD-SIDS
RTK public files

Places marked by || have been amended from the last version.

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