

1. IDENTIFICATION OF THE PREPARATION AND COMPANY.

Product Name and Code : Alberit C 820 T
740-820

Name of the company:
Lackfabrik J. Albrecht GmbH & Co. KG
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2. COMPOSITION/INFORMATION ON INGREDIENTS.

Substances presenting a health hazard within the meaning of the Dangerous Substances Directive 67/548/EEC.

EINECS-No.	Names	Symb.	Conc.
	R-phrases		
204-340-2	1,2,3,4-tetrahydronaphthalene 19-36/38-51/53	Xi,N	25 - 50
202-049-5	naphthalene 22-40-50/53	Xn,N	< 0.5

See full text of R-phrases under chapter 16

3. HAZARDS IDENTIFICATION OF THE PREPARATION.

[illegible]

36/38	Irritating to eyes and skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. FIRST AID MEASURES.

General :

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation :

Remove to fresh air, keep patient warm and at rest, if breathing is irregular or stopped, administer artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

Eye contact :

Remove contact lenses, irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart and seek medical advice.

Skin contact :

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser.

Do NOT use solvents or thinners.

Ingestion :

If accidentally swallowed obtain immediate medical attention. Keep at rest.

Do NOT induce vomiting.

5. FIRE-FIGHTING MEASURES.

Extinguishing media : recommended : alcohol resistant foam, CO₂, powders, water spray
not to be used : waterjet.

Recommendations : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water. Do not allow run-off from fire fighting to enter drains or water courses.

6. ACCIDENTAL RELEASE MEASURES.

Due to the organic solvents' content of the preparation :
Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses.
Clean preferably with a detergent; avoid use of solvents.
If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE.

Handling.

Due the organic solvents' content of the preparation :
Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.
Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
Keep container tightly closed. Isolate from sources of heat, sparks and open flame. No sparking tools should be used.
Avoid skin and eye contact. Avoid the inhalation of dust, particulates and spray mist arising from the application of this preparation. Avoid inhalation of dust from sanding.
Smoking, eating and drinking should be prohibited in application area.
Comply with the health and safety at work laws.
Always keep in containers of same material as the original one.
For personal protection see Section 8.
Never use pressure to empty : container is not a pressure vessel.
Storage.
Observe label precautions. Store between 15 and 30 °C in a dry, well ventilated place away from sources of heat and direct sunlight.
Due the organic solvents' content of the preparation :
Keep away from sources of ignition. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.
No smoking. Prevent unauthorized access. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

Engineering Measures.

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Exposure Limits.

Occupational exposure limit for:

EINECS-No. Names

204-340-2 1,2,3,4-tetrahydronaphthalene

STEL
MAK

LTEL
10 ppm

Personal Protection.

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand protection:

For prolonged or repeated contact, use nitrile, neoprene or latex rubber gloves.

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection:

Use safety eyewear designed to protect against splash of liquids.

Skin protection.

Personnel should wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical state :

flash point : 77

viscosity at 20 °C: > 100 s 6 mm

specific gravity : 1.01

vapour density : < 0.5

lower explosion limit: 1.1

solubility in water : insoluble

Method:

FLASHPOINT DIN 53213

DIN 53211

DENSITY DIN 53217

10. STABILITY AND REACTIVITY.

Stable under recommended storage and handling conditions (see section 7).

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen.

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

11. TOXICOLOGICAL INFORMATION.

There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See Chapter 2 and 15 for details.

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headache; dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis. The liquid splashed in the eyes may cause irritation and reversible damage.

12. ECOLOGICAL INFORMATION.

The product should not be allowed to enter drains or water courses.

13. DISPOSAL CONSIDERATIONS.

Do not allow into drains or water courses.

Wastes and emptied containers should be deposited according to the official rules.

Code of waste Waste Designation:

080111 waste paint and varnish containing organic solvents or other dangerous substances

14. TRANSPORT INFORMATION.

Transport only in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

ADR/RID Class: 9

UN: 3077

Transport document name: Environmentally hazardous substance, solid, n.o.s.

Tetrahydronaphthalene

Packaging group: III

IMDG Class: 9

EmS: F-A, S-F

UN: 3077

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Tetrahydronaphthalene

Packaging group: III

marine pollutant: p Tetrahydronaphthalene

ICAO/IATA Class: 9

UN: 3077

Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

Tetrahydronaphthalene

Packaging group: III

15. REGULATORY INFORMATION.

In accordance with requirements of the Classification Packaging and Labelling of Dangerous Substances Regulations.

The product is labelled as follows :

Danger classification :

Xi Irritant

N Dangerous for the environment

Contains:

n.a.

R-phrases:

36/38 Irritating to eyes and skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

61 Avoid release to the environment. Refer to special instructions/safety data sheets.

23 Do not breathe vapour.

other phrases:

n.a.

VOC-data:

VOC(g/l) DIN ISO 11890: 525

VOC(g/l) ASTM D-3960-1: 525

16. OTHER INFORMATION.

Full text of R-phrases with no. appearing in section 2:

19 May form explosive peroxides.

36/38 Irritating to eyes and skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

22 Harmful if swallowed.

40 Limited evidence of a carcinogenic effect.

50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

The information of this SDS is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.
