

Technical Datasheet

LCT Bio Liquid Power

Description:

LCT Bio Liquid Power is a biological cleaner / degreaser for the usage in the manual parts cleaner LCT bio.X. The Bio Liquid Power removes heavy work oils, cutter coolants, corrosion protection products, greases and other particles. Oil, grease and fats are immediately and biologically transformed by the micro-organisms.

Chemical characteristics:

water-based cleaner contains micro-organisms.

Preparation is classified as non-hazardous in the sense of directive 1999/45/EC. Safety data sheet available for professional user on request. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

Registrations Category Code: A1

NSF Registration No.: 146757

Micro-organisms

non-pathogen bacteria of risk class 1 acc. to Directive 2000/54/EC, TRBA 466 (Germany only). Class1 means no risk for human beings and vertebrates

at the current state of art Dermatological Test (Cosmetic Trial):

Determination of irritating effects to the skin: The Bio Liquid Power was classified as "harmless".

Recommended Usage:

- Cleaning solution for the parts cleaner LCT bio.X
- Use the LCT Bio Liquid Power pure in the LCT bio.X
- Do not add strong acidic or alkaline solutions, disinfectants or solvents to the LCT Bio Liquid Power
- Add only original LCT Bio Liquid Power
- Do NOT dilute with water!

Disposal:

Dispose of in compliance with federal, state and local environmental regulations. Take liquid to a sewage plant (consider pH-value).

For the unused preparation:

20 01 30 detergents other than those mentioned in 20 01 29.

For contaminated packaging:

15 01 02 Plastic packaging

Technical data:

Appearance : liquid

Colour : colourless

Odour : apple

Solidifying Point : ca. 0 °C

Boiling temperature : ca. 98 °C

Flash point : not relevant

Explosion limits

Lower : no relevant

Upper : no relevant

Density (at 20 °C) : ca. 1 g/cm³

pH value : ca. 8.5 – 9

Water hazard class

1 slightly hazardous to water (self-classification acc. to VwVwS, German regulation)

Handling and storage:

Keep containers tightly closed and protected against sub-zero temperatures.

Storable in closed original packaging for 1 year.

Optimal storage temperature : 2 – 30 °C

Storage class (TRGS 510) : 12

Process temperature : up to 41 °C

Ingredient list (acc. to 648/2004/EC)

< 5 % non-ionic surfactants, perfumes

Dangerous ingredients:

ALCOHOLS, C9-C11 -ISO-, C10 -RICH, ETHOXYLATED: 1 – 5 %

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LONGCHAIN ALCOHOL, C9-C11, ETHOXYLATED: 1 – 5 %

VOC 1999/13/EC : 0 % VOC (CH) : < 3 %

This product is not under the liability for taxation of VOC acc. VOCV (< 3 % VOC)

Vbf (AT) : n.a.

Safety advice

Please read safety instruction and safety datasheet before use.

