

MATERIAL SAFETY DATA SHEET

Name: AIK 500
Chemical Characterisation: Microemulsion of Natural plant oils and their derivatives
Appearance: Viscous
Colour: White and Yellow
Odour: Characteristic

PHYSICAL DATA AND SAFETY DATA

Density (20°C): Approx. 1.06g/CM3 DGF-CIV-2
Solubility: Insoluble in water (20°C)
Flash Point: approx. 200°C DIN 150 2592 (Cleveland)

TRANSPORT

IMDG,GGVS/GGVE Not classified as hazardous for transport.
ADR/RID
ICAO/IATA-DGR

HAZARDS IDENTIFICATION:

Used as intended, is not a hazardous material neither to the environment nor human health

Storage: Store in a cool and dry place
Handling: Avoid open flames
Personal Protection: No special equipment or clothing necessary
Acute oral toxicity: LD50 75,000 mg/kg body weight, rat oral

MEASURES IN CASE OF ACCIDENTS AND FIRES

Spilling disposal: Do not allow to get into sewage system. Remove with liquid absorbing material such as sand, peat, sawdust.
Extinguishing media: Foam, extinguishing powder, carbon dioxide, water.
First aid: In case of contact with eyes, rinse immediately with plenty of water.
In case of ingestion rinse mouth with water, drink a lot of water and seek medical advice.

ECOLOGICAL INFORMATION

Based on the components contained in the product and/or structurally comparable substances the following ecological data can be expected:

DEGRADABILITY:

All individual organic components contained in the product are biodegradable at an average of 90%, according to the "TensV" of 04.06.1986 as per WRMG.

The testing of the product for degradability (e.g. OECD 301 A-F) resulted in a degradability of 80 - < 90% BSB/CSB AND 70 - <90% DOC (classification of readily biodegradable is $\geq 70\%$ DOC and $>60\%$ BSB/CSB in 28 days).

Acute fish toxicity: LC50 > 10 - 100 mg prod./lt.

Acute bacterial toxicity: EC50 > 100 mg prod./lt.

Every endeavour has been made to ensure that the information contained in this leaflet is reliable but we cannot accept liability for any loss, injury or damage which may result from its use. Data given in this DIN safety data sheets are solely for guidance in safe handling and use of the product(s) by customers; they do not form part of any specification.