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ACCU-LUBE LB-8000

1. Name of Substance, Preparation and Company**Trade name** ACCU-LUBE LB-8000**Producer/Supplier** ACCU-LUBE Manufacturing GmbH
Glaitstr. 29
D-75433 Maulbronn-Schmie
phone: 07043 / 5612 fax: 07043 / 907098**Source of information****Emergency inquiries****2. Composition, Data of Components****Chemical characterization**

Product on vegetable oil basis

CAS-No. 008002-13-9**Dangerous components**

| CAS-No. | Designation | weight % | Classification |
|----------------|---|-----------------|-----------------------|
| 68411-46-1 | products of reaction of N-phenyl-bezenamine and 2,4,4-trimethylpentene N,R51/53 | 0,1 –0,99 | |
| 41484-35-9 | thiodiethylene bis (3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate) N,R51/53 | 1 –4,99 | |

PLEASE REFER TO POINT 8 FOR COMPONENTS WITH EXPOSURE LIMIT VALUE

3. Hazards

No European Union labelling requirements

Special hazards for humans and the environment

There are no particular hazards if used with the same safety measures as required for other chemicals.

Physico-chemical hazards

n/a

4. First Aid**After inhalation**

In case of inhalation of large quantities of vapours, fumes or mists move to fresh air. Consult a doctor if required.

After skin contact

Wash well with soap and water.

After eye contact

Rinse immediately with clean water for 10-15 minutes. Consult an ophthalmologist if required.

After ingestion

Do not induce vomiting. Rinse mouth with water. Consult a doctor if required.

5. Fire Fighting Measures**Appropriate fire-extinguishing media**CO₂, dry chemicals, foam**Inappropriate fire-extinguishing media for safety reasons**

Full water jet

Special hazards caused by the substance itself, by its combustion products or by generated gases

Combustible (refer to point 10 as well)

Special procedures

Use water spray or fog to cool exposed containers. Do not inhale fumes.

Special safety equipment

Use self-contained breathing apparatus when in proximity to fire

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ACCU-LUBE LB-8000

6. Measures in case of unintentional release**Individual safety measures**

Wear suitable protective clothes and gloves (refer to point 8 as well)

Measures for the protection of the environment

Prevent entry into sewage/surface waters/ground water. Impound/recover large land spill.

Methods for cleaning/absorption

Take up liquid. Use oil absorbing materials (e.g. sand) for small spillages. Clean floor with cleaning agent and water.

Disposal

Soiled materials must be processed by an approved recuperator. (refer to point 13 as well)

7. Handling and Storage**Technical protective measures**

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations.

Precautions

Avoid prolonged or repeated skin contact

Information for fire and explosion protection

Keep away from all sources of ignition

Requirements for storage rooms and containers

Adequate retention system to avoid pollution of water and ground in case of accidental spillage. Store in original containers.

Further storage conditions

Store sheltered from bad weather. Recommended storage temperatures between 0°C and 50°C

8. Exposure Limiting and Individual Safety Measures**Values for exposure limits****Description****MAK Germany mg/m³**

products of reaction of N-phenyl-bezenamine and 2,4,4-trimethylpentene -

thiodiethylene bis (3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate) -

Individual Safety Measures**Respiratory protection**

Only necessary in case of overexposure to fumes/vapours/aerosols

Hand protection

Appropriate protective gloves

Eye protection

Goggles

Personal protection

Usual means of protection (overall, safety shoes)

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ACCU-LUBE LB-8000

9. Physical and Chemical Properties

| | | |
|---|-------------------------|------------------------------|
| State of matter (20°C) liquid | Colour yellow | Odour slight odour |
|---|-------------------------|------------------------------|

Safety Data

| | Value | Temperature | Method | Remarks |
|-------------------------------|-------------------------|-------------|----------|-------------------------|
| Pour point | -17° C | | | |
| Flash point | 310° C | | open cup | |
| Auto-ignition temp. | >= 310° C | | | |
| Density | 0,920 g/cm ³ | 15° C | | |
| Solubility in water | | | | insoluble |
| Solubility in solvents | | | | soluble in hydrocarbons |
| Viscosity kinematic | 37 mm ² /s | 40° C | | |
| pH | n/a | | | |

10. Stability and Reactive Behaviour**Stability**

Stable under normal storage and operating conditions

Conditions to be avoided

Temperatures above flash point or point of decomposition; generation of sparks; eliminate possible sources of ignition.

Substances to be avoided

Strong oxidizing agents

Dangerous products of decompositionCO, CO₂**11. Toxicological Data****Acute toxicity/effects of irritation/sensitisation****Ingestion**

May cause digestive troubles like diarrhoea, nausea, vomiting, abdominal pain

Inhalation

High concentration of vapours and/or mist may cause troubles like irritation of respiratory system

Skin contact

Not classified as Xi-irritant

Eye contact

Not classified as Xi-irritant

Sensitisation

Classified as non-sensitizing

Sub-acute and chronic toxicity - Specific side-effects**Carcinogenity** n/a**Mutagenicity** n/a**Reproductive toxicity** n/a

12. Ecological Data**Persistence and biodegradability****Biodegradation**

No information on the product itself

Rate of biodegradation

Vegetable oil: > 95% (CEC L 33 A 93)

Additives: not biodegradable

Ecotoxicity**Effects on aquatic organisms**

Not classified as dangerous for the environment

13. Waste Disposal

Waste code no. 12 01 10

Designation

Recommendation for the product

Do not dispose of this product through the sewage or into environment. It must be processed by an approved recuperator in accordance with local regulations.

Recommendation for the packing

Contaminated containers should be completely empty before disposal

14. Transport Directions**Further information for transport**

ADR/RID not classified

IMO/IMDG not classified

ICAO/IATA not classified

15. Legal Regulations**R-phrases**

No European Union labelling requirements.

16. Further Information

The information contained herein is based on the data available to us and believed to be correct. We do not warrant or guarantee their accuracy or reliability and we are not liable for any loss or damage arising from the use thereof. The information and recommendations are offered for the user's consideration and examination and it is the user's responsibility to satisfy himself that they are suitable and complete for its particular use. The whole regulation is only mentioned to help the addressee to perform his duty when using a dangerous product. This list must not be considered as exhaustive and does not relieve the addressee to verify if any other obligations might possibly concern him according to some other texts concerning the holding or handling of the product he is responsible for.

List of R-phrases mentioned under point 2:

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