

Safety data sheet
in accordance with EC Directive 91/155 EEC

Date of issue: 18.12.2000

Reviewed on: 31.08.2005

1. Substance / preparation and company name

Product details:

Trade name: Brugg VT Lube

Manufacturer: Brugg Drahtseil AG

Wydenstrasse 36

CH - 5242 Birr

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Responsible Department: Research and Development Department

2. Composition / information on ingredients

Chemical characterization: highly viscous components from crude oil processing dissolved
in an aromatic-free hydrocarbon solvent (range C10-C12)

3. Possible dangers

Hazard description: aliphatic hydrocarbons > 50% Xn; R65, R66

CAS #: 64742-48-9

4. First aid measures

04.01 general instructions: 16: change wet clothing

04.03 after skin contact: wash off with vegetable oil

04.04 after eye contact: 10: rinse thoroughly with plenty of water and doctor
consult

04.05 after ingestion: 30: Do not induce vomiting - danger of aspiration
52: seek medical attention

5. Fire-fighting measures

- 05.01 Suitable extinguishing media: 20: Foam
55: Carbon dioxide
40: Dry powder
- 05.02 for security reasons
unsuitable extinguishing media: 10: water
- 05.05 Additional information: 200: Cool endangered containers with water jet

6. Accidental Release Measures

- 6.1 Personal precautions: 120: Ensure adequate ventilation
560: Keep away sources of ignition
- 6.2 Environmental precautions 441: Do not empty into drains
/ Surface water / groundwater
450: prevent areal expansion
- 6.3 Methods for cleaning / recording:
- Small quantities: 535: with liquid-binding material
(e.g., oil binder)
- Large quantities: 535: with liquid-binding material
(e.g., oil binder)

7. Handling and storage

- 07.01.01 Advice on safe handling: 260: none if used properly
special measures required
703: use only in well-ventilated areas
- 07.01.02 Notes on fire and
Explosion protection: 11: Keep away from sources of ignition
20: Measures against electrostatic
Charging meet

07.02.03 Further information to the Storage

155: Vapors may enter with air form an explosive mixture

10: Keep container tightly closed, not at conditions: Keep temperatures above 40 ° C. Fire extinguishers for fire class B must be kept and enter in fire protection plan.

8. Exposure controls and personal protective equipment

08.01 Additional information about design of technical systems: Ensure adequate ventilation

08.03.02 Protection of hands: 70: Wear PVC gloves

08.03.03 Eye protection: 50: Wear face protection
10: Safety glasses

08.03.04 Body protection: 75: PVC suit
55: PVC apron

8.3.5.1 General protective measures: Eye washes, protective and cleaning agents in the
Keep near the workplace

10: Do not breathe vapors

8.3.5.2 Hygiene measures:

70: Avoid contact with skin

90: Avoid contact with eyes.

10: Do not eat or drink while working

30: change soiled, soaked clothes

60: hands before breaks and at work
to wash

9. Physical and chemical properties

09/01/01 Form: 270: liquid

01/09/02 Color: 230 to 130: green-brown

09:01:03 Smell: 405: Petroleum-like

Value /	Unit /	Method
09.02.01.05 ph value:	40: neutral	
09.02.02.01 Flash point:	above 63 ° C	DIN EN 22719
09.02.04.01 Ignition temperature:	approx. 240 ° C	DIN 51794
09.02.08.30 lower explosive limit:	approx. 0.6 Vol .-%	
09.02.08.40 upper explosive limit:	approx. 6.0% vol.	
09.02.09.01 Vapor pressure / 20 ° C	approx. 0.8 hPa	
09.02.10.01 Density / 20 ° C:	approx. 0.85 g / cm ³	DIN 51757
09.02.10.06 rel. Vapor density on air:	5.3	
09.02.11.01 Solubility in water:	45: practically insoluble	
09.02.11.04 Solubility other:	040: Petroleum	
09.02.14.10 Viscosity / flow cup (25 ° C, nozzle 4)	about 20 sec	DIN 53211

10. Stability and reactivity

10.01	Hazardous reactions:	365: uncleaned empty containers may Contain product gases that are explosive with air Form mixtures 500: no dangerous reactions known
10.02	Hazardous decomposition prod .:	405: No dangerous decomposition products known

11. Toxicological information

11.01.01	Acute toxicity:	LD / LC 50 Method Value [mg / kg] Species Remarks LD 50 OECD 401> 2000 10: Rat oral
11.03.02	Practical experience	20: has a degreasing effect on the skin

12. Ecological information

- 12.01.01 Physicochemical Elimination: 200: Easily eliminated from water
- 12.01.02 Biodegradability: 130: heavily biodegradable
650: the product is difficult to dissolve in water; it can be due to abiotic processes,
For example, mechanical precipitation can be largely eliminated from the water.
Product does not contain the ozone layer destructive substances.
- 12.04.05 General notes: 30: Product is insoluble in water
50: Penetration into soil, waters and Sewerage prevents

13. Disposal considerations

- 13.1.1 Disposal / product: 62: must comply with the hazardous waste requirements
after pretreatment with a special waste incineration plant approved for this purpose.
- 13.01.01.0 Waste code number: 070699 according to EAKV
- 13.1.2 Disposal / uncleaned
Packaging: 40: contaminated packaging should be emptied; they can then be recycled after proper cleaning.

14. Transport information

Not dangerous goods in terms of transport regulations.

15. regulations

15.01.01 Labeling: The product is in accordance with EC Directives / Hazardous Substances Regulation does not require labeling

15.02.05.01 Water hazard class: 1 (010: self-classification)

16. Other information

The information is based on the current state of our knowledge. However, they do not constitute an assurance of product properties and do not constitute a contractual legal relationship.

· Replaces data sheet from: 22.05.2003