

16. Mai 2013

COMPETENCE IN LUBRICANTS

Hochleistungsschmierstoffe

Safety data sheet according to 1907/2006 EG

Date: 05/2012

Product: Boss Fluid AVKP BLUE

Update: 10.05.12

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1. Commercial product name and company identification

Product name:

Boss Fluid AVKP Blue

Product code.:

9000 621 ; 9005 896 ; 9005 786 ; 9000 622

Company:

Boss Industrieschmierstoffe Elisabethenstr. 14 72461 Albstadt

Phone.:0049 / 7432 / 90 89 40

Fax:07432/908941

2. Composition / Information on ingedients:

Name:

Combination of synthetical ester oils and a mixture of serveral hydrotreated and hydrocracked base oil

3. Hazards identification:

Emergency overview

The product when properly handled is not dangerous for human health. Harmful effects are expected only in case of misuse especially in case of thermal decomposition.

4. First aid measures:

Skin contact:

wash with water and soap. Remove contaminated clothing.

Eye contact:

Flush with plenty of water for at least 15 minutes. See a physician if the eye irritation

remains

Ingestion:

See a physician if necessary. Do not induce vomitting

Inhalation:

After inhaling of decomposition vapours: remove the patient to fresh air.



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5. Fire fightning measures:

Suitable extinguishing media: dry chemicals, powder, foams, carbon dioxide Do not use water !!

In the case of fire, the vapour can involve toxic compounds (carbon monoxide). Use a respirator to protect from vapours.

6. Accidental release measures:

Absorb small amounts on inert material. Collect the released product and the used absorbent materials in suitable containers for disposal. Hold back large amounts of liquids by embankment (mound of earth, sand or other inert materials). Use pumps or call the fire brigade, if necessary. Avoid the uncontrolled discharge in sewage systems, in surface and underground waters. Do not smoke while handling with released liquids. Avoid the contact with fire and sparks.

7. Handling and store measures:

Store in cool and dry areas. Protect from water and wetting.

Handling:

If the oil is exposed to high temperatures, good ventilation in the working area is commendable Do not eat and drink and smoke in working areas.

8. Exposure control / Personal protection

Hand protection:

Not necessary in normal use. When often handling the product wear rubber

gloves

Respiratory protection: not necessary in normal use. Avoid breathing the vapours above the de-

composition temperature.

Eye protection:

Not necessary in normal use. Wear safety glasses, if necessary



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9. Physical and chemical properties:

Physical state	liquid	
Colour	light blue	
Odour	odourless	
Pour point	- 42 °C	
Boiling pont	>250°C	
Vapour pressure:	<1 mbar	
Viscosity at 40 °C	32	mm²/s DIN 51366
Density at 20°C	0,889	g/m³ DIN 51757
Flash point	>210	°C DIN ISO 2592
Solubility in water	insoluble	
Ignition temperature	> 250°C	
Explosion limits	not determined	300000000000000000000000000000000000000

10. Stability and reactivity:

Thermal decomosition: unknown

Hazardous decomposition products: No decomposition under normal storage and handling conditions In the case of misuse at temperatures above the decomposition temperature harmful vapours may arise From the product

Materials to avoid contact: strong oxidising agents (liquid or compressed oxygen), strong acids or alkalis

11. Toxicological information:

Experimental toxicological data

LD 50 > 2000 mg/kg (rat)

epidermal: no skin irritation

Boss Fluid AVKP Blue when properly handled is not dangerous for human health Boss Fluid AVKP Blue has no known effects of chronic toxicity or carcino-genesis (based on data from components)



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12. Ecotoxicological informations:

Use the product according to the good working practices avoiding polluting the environment. Avoid the uncontrolled discharge in sewage systems, in surface and underground waters.

Avoid the contamination of soil and water.

Biodegradibility: Readily biodegradable, Closed Bottle Test (60% BSB 30/CSB within 28 days) modified OECD Screening Test (more than 70% DOC-slope) according to OECD-Classification

Toxicity for fishes:

LCo > 100 mg/l

Toxicity for bacteria:

ECo > 100 mg Prod./I (Pseudomonas putida)

The basic oil of Boss Fluid AVKP Blue is classified as a non water endangering substance (Classification According to German VwVwS Juli 2005)

13. Disposal considerations:

Destroy the waste product by incineration according to local laws and regulations. Boss Fluid AVKP Blue contains no halogens and no toxic metals.

LAGA Waste code number 544 01 for synthetical cooling lubricants EWC Waste code number 13 02 03 for other vegetable machine, gear and lubricating oils.

14. Transport information:

The product is not dangerous for transportation

ADR

not classified

RID

not classified

Sea transportation IMDG not classified

Air transportation ICAO not classified

UN-number

not assigned

Packaging group

not assigned



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15. Regulatory informations

No regulation and classification according to EEC directives necessary No labelling with hazard symbols

The basic oil of Boss Fluid AVKP Blue is classified as a non water endangering substance (Classification According to German VwVwS Juli 2005)

16. Further informations

The informations given in this saftey data sheet is for safety purpose only. It is given in good faith and Based on the best knowledge and experience of the company at the date of issuing . The company is not Responsible for damages caused by the use of the product in applications for which it was not Intended or for conditions of use outside its control