

**Safety data sheet according to 1907/2006 EG**

Date: 05/2012      Product: **Boss Fluid AVKP BLUE**

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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 / 90 89 41

## 2. Composition / Information on ingredients:

**Name:**

Combination of synthetical ester oils and a mixture of several 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 vomiting

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



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**5. Fire fighting 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:**

**Storage:**

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 decomposition 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 point	>250°C	
Vapour pressure:	<1 mbar	
Viscosity at 40 °C	32	mm <sup>2</sup> /s DIN 51366
Density at 20°C	0,889	g/m <sup>3</sup> DIN 51757
Flash point	>210	°C DIN ISO 2592
Solubility in water	insoluble	
Ignition temperature	> 250°C	
Explosion limits	not determined	

**10. Stability and reactivity:**

**Thermal decomposition:** 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

oral: 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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**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 safety 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