

## **MATERIAL SAFETY DATA SHEET DOT-3 BRAKE FLUID**

---

### **1 IDENTIFICATION**

- 1.1 Trade Name : HYDRAULAN DOT 4
- 1.2 Supplier : BASF - GERMANY
- 1.3 Type of use : (for more details see technical file)

### **2 COMPOSITION/INFORMATION ABOUT COMPONENTS**

- 2.1 Composition : Ethyl Glycol ether – blend
- 2.2 Components (presenting a hazard) :
- 2.3 Impurities (presenting a hazard) :None
- 2.4 Further information : none

### **3 HAZARDS IDENTIFICATION**

-Non-Hazardous Substance. Non-Dangerous Good. According to the criteria of NOHSC and the ADG Code

---

**4 FIRST AID**

- 4.1 Inhalation : Seek fresh air. Contact physician, if necessary.  
4.2 Skin Sensitivity: Wash with water. Does not cause irritation. Wash contaminated clothes before reuse  
4.3 Eye contact : Immediately flush with water. Contact physician, if necessary  
4.4 Ingestion : Drink water. Don't induce vomiting, Contact physician
- 

**5 MEASURES IN THE CASE OF ACCIDENT AND FIRES**

- 5.1 Recommended extinguishing media: Use carbon di oxide, dry chemicals, foam or water.  
5.2 Extinguishing media to avoid :  
5.3 Personal protecting equipment:  
- Respiratory protection: Self contained breathing apparatus and protective clothes.  
- Skin protection :  
- Eye protection  
- Others
- 

**6 MEASURES IN CASE OF ACCIDENTAL SPREADING**

- For small quantities wash with large amounts of water  
- Large spillages should be collected for proper disposal
- 

**7 HANDLING AND STORAGE**

- 7.1 Protection measure, storage and handling:  
Keep away from heat and flame in closed containers and well ventilated area.  
7.2 Packing or flask materials:  
a) Recommended: Polypropylene Cans/ MS barrels  
b) To avoid:  
7.3 Hazardous reaction with: NA  
Safety precautions
- 

**8 CONTROL EXPOSURE- PERSONAL PROTECTION**

- 8.1 Personal measures of safety: Self contained breathing apparatus in concentrated atmosphere  
8.2 Special measures of protection;  
- Respiratory protection: Self contained breathing apparatus in concentrated atmosphere  
- Hand protection: Protective gloves may be used  
- Eye protection: Protective glasses  
- Skin protection: Not recommended in normal use
-

**9 PHYSICAL AND CHEMICAL DATA**

- 9.1 Appearance : Clear, Pale Yellow liquid  
9.2 ERBP, ( Deg, C) : 260.0 MIN  
9.3 K. Visc. @ -40 C : 1800 cst max  
9.4 K. Visc. @ 100C : 1.50 min
- 

**10 STABILITY AND REACTIVITY**

- 10.1 Conditions to avoid:  
10.2 Materials to avoid:  
10.3 Hazardous decomposition products: Burning can produce carbon mono oxide
- 

**11 TOXICOLOGICAL INFORMATION**

- 11.1 Oral administration (rats) -----NA  
11.2 Ocular tolerance (rabbit) Non irritant  
11.3 Other data
- 

**12 OBSERVATION RELATED TO DISPOSAL**

- 12.1 Disposal of wastes: Incineration**  
**12.2 Disposal of contaminated packing**

**13 HANDLING RECOMMENDATIONS:** Normal handling precautions

---

**14 REGULATORY INFORMATION:** NA

---

**15 MISCELLANEOUS**

Data has been collected from various sources like Merck index, IP and Indian chemical manufacturing association

Information included in this document is presented in good faith and constitutes our best current knowledge related to safety requirements. However, we do not accept responsibility for damage or injury, where products supplied by us are used in ways or application other than those specified.

---