



**METAFRAX  
CHEMICALS**

## **FORMALIN TECHNICAL**

### **Application**

Formalin is used as raw material to produce synthetic resins, plastics, organic chemicals; in production of caoutchouc and rubber; as inhibitor in metal and oil industry; as disinfectant and antiseptic agent in agriculture; in textile, leather and paper industry for treatment of materials to increase their quality features.

### **Transportation and storage**

Formalin to be transported in the rail tank cars, in special rail tank cars, by road in road tank cars equipped with boiler from aluminum or stainless steel, or carbon steel with anticorrosion coating. The product to be transported in accordance with the shipping rules, valid for this mode of transportation. This product to be stored in the heated tanks manufactured from the materials that ensure preservation of product quality. The product to be stored at the temperature from 10°C to 25°C. The formation of white sediments or little turbidity is possible during transportation and storage, that is caused by paraformaldehyde formation.

### **Manufacturer's guaranty**

Guaranty period of storage to be 3 month from the manufacturing date, provided that all transportation and shipment rules are observed.

### **Purchasing of the product**

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## Main physical and chemical features

Parameter name	Norm	
	ΦМ (High grade)	ΦМБ
Appearance	Colorless transparent fluid. Formation of slime or white sediment soluble at 40°C max. is permitted.	
Mass fraction of formaldehyde, %	36,9 – 37,5	36,5 – 37,5
Mass fraction of methanol, %	4,0-8,0	No more 1,0
Mass fraction of acids in terms of formic acids, %, no more	0,02	0,02
Mass fraction of iron, %, no more	0,0001	0,0005
Mass fraction of residue after calcinations, %, no more	0,008	0,008
ΦМ – stabilized with methanol		