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## MATERIAL SAFETY DATA SHEET

### SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

NAME : HORSE PERMANENT INK SCRIBIE (Blue/Black/Red)

### SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION	CAS NO.	%
Ethanol	64-17-5	70-85
Dyestuffs, Additive	Blend	15-30

### SECTION 3 HAZARDS IDENTIFICATION, INCLUDING EMERGENCY OVERVIEW

May be irritating to respiratory tract, skin and eyes. This Product is not rapidly ignitable.

Use only with adequate ventilation.

Wash after handling.

### SECTION 4 FIRST AID MEASURES

**Eyes** : Flush eye with flowing water until no evidence of chemical remains ( at least 15 minutes )

**Skin** : Remove any contaminated clothing. Wash with isopropyl rubbing alcohol and flowing water for 15 minutes. If irritation continues consult a physician.

**Inhalation** : Remove from exposure in severe cases obtain medical attention.

**Ingestion** : Do not induce vomiting. Obtain medical attention.

### SECTION 5 FIRE FIGHTING MEASURES

**Flash point** : 12.8 °C

**Flammable Limits** LEL 3.3 %

UEL 19 %

**Auto ignition temperature** : 689 °F

Material to avoid strong oxidizing agents

Hazardous decomposition products carbon monoxide can form on complete combustion.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Person related safety precautions** : Not required.

**Step to be taken if material is released or spilled** : can be cleaned with alcohol.

## SECTION 7 HANDLING AND STORAGE

Keep container closed.

Keep away from heat and flame.

Accidental contact should be clean with alcohol and then water immediately.

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Personal protection equipment**

**Respiratory protection** : Not required

**Eye protection** : Safety glasses recommended during refilling.

**Skin** : Not required.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**Boiling point** : > 78 °C

**Specific gravity** : 0.825 - 0.870

**Solubility in water** : Soluble

**Appearance** : Colored liquid.

**Odor** : Characteristic odour

**Colour** : According to product specification.

**Flash point** : 12.8 °C

**SECTION 10 STABILITY AND REACTIVITY**

Normally a stable product.decomposition products generated at high temperatures.reacts strongly with oxidisers.

**SECTION 11 TOXICOLOGICAL INFORMATION**

Ethanol and other content may cause liver and kidney damage if abused.

**SECTION 12 ECOLOGICAL INFORMATION**

Slightly hazardous for water.Do not allow undiluted product or large quantities of it to reach ground water,bodies or sewage system.

**SECTION 13 DISPOSAL CONSIDERATIONS**

Burn or bury in accordance with local regulations " SPECIAL"waste empty containers are to be treated as hazardous and not to be reused.

**SECTION 14 TRANSPORT INFORMATION**

No unusual transport.

**SECTION 15 REGULATORY INFORMATION**

No data available.

**SECTION 16 OTHER INFORMATION**

No data available.