

# MATERIAL SAFETY DATA SHEET

This product is classified as a Dangerous Good according to criteria of NOHSC Australia

## 1. IDENTIFICATION OF THE MATERIAL

Product Name: Complete Fount 10  
Other Names: Fountain solution  
Supplier: GSB Chemical Co. Pty. Ltd  
ACN 004 355113  
84 Camp Road  
Broadmeadows, Vic. 3047

Telephone: +61 03 9457 1125  
Facsimile: +61 03 9459 7978  
Internet: www.gsbchem.com.au  
e-mail: info@gsbchem.com.au

Major Uses and Methods of Application:  
Fountain solution for lithographic printing. Diluted with water 1:50. Applied via printing machinery.

## 2. COMPOSITION

	CAS No.	PROPORTION
Propyl Alcohol	71-23-8	80 % w/w
Additives	Not Available	20 % w/w

## 3. HAZARDS IDENTIFICATION

Risk Phrases: R10 Flammable.  
R41 Risk of serious damage to eyes.  
R67 Vapours may cause drowsiness and dizziness.

Safety Phrases: S16 Keep away from sources of ignition – No smoking.  
S2 Keep out of reach of children.  
S24 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S39 Wear eye/face protection.  
S7 Keep container tightly closed.

Hazard Classification: 3.1 C Flammable liquids: medium hazard.  
6.1 D Substances that are acutely toxic.  
6.4 A Substances that are irritating to the eye.  
9.3 C Substances that are harmful to terrestrial vertebrates.

## 4. FIRST AID MEASURES

For advice, contact a Poisons information Centre (Phone Australia 13 1126, New Zealand 0 800 764766)

Swallowed: Do not induce vomiting. Immediately wash out mouth with water, and then give water to drink. Seek medical attention.

Eye: Flush with flowing water for at least 15 minutes, and if symptoms persist, seek medical attention.

Skin: Flush skin with flowing water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention. Decontaminate clothing before re-use or discard.

Inhalation: Remove source of contamination or move person to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention

Advice to Doctor: Treat symptomatically.

#### **5. FIRE FIGHTING MEASURES**

Flammability: Flammable. May evolve toxic gases (hydrocarbons, carbon dioxides) when heated to decomposition. Eliminate all ignition sources including cigarettes, open flames, spark producing switches, heaters, naked lights, pilot lights etc. when handling. Earth containers when dispensing fluids.

Fire & Explosion: Flammable – explosive vapour. Evacuate area and contact emergency services. Toxic gases may be evolved when heated. Remain upwind and notify those downwind of hazard. Wear full protective equipment including SCBA when combating fire. Use water fog to cool intact containers and nearby storage areas.

Extinguishing: Dry agent, carbon dioxide or foam. Prevent contamination of drains and waterways. Absorb runoff with sand or similar.

Hazchem Code: 2[Y]

#### **6. ACCIDENTAL RELEASE MEASURES**

If spilt (bulk), contact emergency services if appropriate. Wear splash proof goggles, neoprene/nitrile gloves, a Type A (organic vapour) respirator (where inhalation risk exists), coveralls, an apron and boots. Ventilate and clear area of all unprotected personnel. Absorb spill with sand or similar and place in clean, sealed containers for disposal.

#### **7. HANDLING AND STORAGE**

Handling: Avoid skin and eye contact and breathing in vapour

Storage: Store in closed containers away from direct sunlight.

#### **8. EXPOSURE AND PERSONAL PROTECTION**

Exposure Standards: Propyl Alcohol TWA: 200ppm, 492mg/m<sup>3</sup>

Personal Protection:

Eye protection:	Safety glasses, goggles or face shield as required
Hand Protection:	PVC, neoprene or nitrile rubber gloves
Footwear:	Rubber boots

Respiratory Protection: Overexposure by this route is not possible unless the product is present as a spray or mist in which case remove the victim to fresh air. Monitor response and seek Medical attention  
Safety showers with eyewash should be provided in all areas where product is handled. No respiratory protection required if engineering, storage and handling controls are adequate,

Engineering Controls: Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distance to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid.
Boiling Point:	Not available
Vapour Pressure:	Not Available
Specific Gravity:	Not available
Flash Point:	> 61
Solubility in water:	soluble
Volatiles:	Not available
pH:	Not available

## 10. STABILITY AND REACTIVITY

Stable under ordinary conditions of use and storage.

## 11. TOXICOLOGICAL INFORMATION

Toxicological Information:	Propyl Alcohol
	LC 50 (Inhalation): 48g/m <sup>3</sup>
	LD 50( Ingestion): 1870 mg/kg (rat)
	LD 50 (Skin): 4060 mg/kg

No adverse health effects expected if the product is handled in accordance with this MSDS and product label. Symptoms or effects that may arise if the product is misused and overexposure occurs are:

Swallowed:	Not harmful. Irritant to mouth, throat and digestive tract.
Eye:	Moderate irritant
Skin:	Moderate irritant
Inhalation:	May irritate mucous membrane of airways

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways  
Glycol Ether 96 hr LC50 (fathead minnow) = 2500 mg/l  
Chemical Oxygen Demand (COD) 2.08 mg/mg  
BOD (20day BOD test) 77% of ThOD

## 13. DISPOSAL

Keep out of sewers, storm drains, surface waters and soil. Do not empty into drains; dispose of this material and container in a safe way

For small spills or drips, wipe up and dispose in approved waste container.  
Dispose absorbed and unrecoverable material to an approved site.  
Consult local authority

## 14. TRANSPORT INFORMATION

U.N. Number: 1274  
DG Class: 3  
Hazchem Code: 2[Y]

#### 15. REGULATORY INFORMATION

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#### 16. OTHER INFORMATION

Contact: Technical Manager  
Telephone (03) 94571125

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