

## MATERIAL SAFETY DATA SHEET

### Ultifast Stamp Ink (all colours) Ultifast Activator Fluid

#### SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

**Product name** Ultifast Stamp Ink (all colours)  
Ultifast Activator Fluid

**Other names** Not applicable

**Recommended use:** Stamping ink for pre-inked stamps

**Supplier name** Astron Industries Pty Ltd

**Address** 8-10 Norwich Avenue  
Thomastown, Victoria, 3074

**Telephone no.** (03) 9460 7577 (09:00 – 17:00 hours)

#### SECTION 2: HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE (Xn, Xi) and DANGEROUS GOODS based on NOHSC (National Occupational Health & Safety Commission) :1008 (2004).

##### Acute Effects:

###### Inhalation

At room temperature vapours are minimal. At high vapour concentrations irritation to respiratory tract may occur. CNS effects may also be caused – nausea, headache, dizziness, unconsciousness and coma.

###### Ingestion

Harmful if swallowed. It may cause systemic toxicity – nausea, intestinal irritation, and diarrhoea.

###### Eye

Causes irritation, and may cause transient corneal damage.

###### Skin

Causes irritation or dermatitis. Some components may be absorbed through skin.

##### Chronic Effects:

Deliberate inhalation at high concentrations may cause CNS depression and asphyxiation.

May get some liver and kidney damage

Repeated skin contact may cause sensitization in some individuals.

Pre-existing medical conditions aggravated by long-term exposure; skin allergies, asthma, bronchitis and emphysema.

R20 Harmful by inhalation  
R21 Harmful in contact with skin  
R22 Harmful if swallowed  
R36 Irritating to eyes  
R38 Irritating to skin

S24 Avoid contact with skin  
S28 After contact with skin wash with plenty of water  
S36/37 Wear suitable protective clothing and gloves

### SECTION 3: COMPOSITION/INGREDIENT INFORMATION

Name	CAS	Proportion
2-Butoxyethanol	111-76-2	10 - <30%
2-(2-butoxyethoxy)-ethanol	112-34-5	30 - <60%
3-methoxy-1-butanol	2517-43-3	30 - <60%
octyl diphenyl ester phosphoric acid	115-88-8	<10%
Non-hazardous ingredients		10 – 30%

### SECTION 4: FIRST AID MEASURES

<b>Inhalation</b>	If coughing, irritation or tightness in the chest is experienced, remove to fresh air. If breathing difficult give oxygen. Do not give mouth to mouth resuscitation. Seek medical assistance.
<b>Ingestion</b>	If material is swallowed do not induce vomiting unless directed by doctor. Seek medical assistance immediately.
<b>Eye</b>	Immediately wash eyes with copious amounts of water, occasionally lifting upper and lower eyelids. If irritation persists seek medical assistance.
<b>Skin</b>	In case of skin contact, remove clothing and rinse thoroughly. Seek medical assistance if rash develops.

### SECTION 5: FIRE FIGHTING MEASURES

**Extinguishing media** Dry chemical and carbon dioxide foam.

**Hazards from combustion products** Toxic thermal decomposition products :CO<sub>x</sub>, aldehydes, ketones and organic acids.

**Special protective precautions** Do not release run \off from fire control methods into waterways or stormwater drains.

**Equipment for fire fighters** Wear self contained breathing apparatus with full facepiece operated in pressure demand/positive-pressure mode.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**Emergency procedures** Recover as much material as practical. Soak up the balance with sand or other absorbent. Transfer residue to appropriate disposal containers. Do not allow spill to enter waterways.

**Methods and materials for containment and clean up.**

Follow appropriate local, State/Territory and Federal regulations or disposal of chemical/special waste.

### SECTION 7: HANDLING AND STORAGE

**Safe handling** Ensure good ventilation to minimize inhalation of vapours. Avoid prolonged or repeated contact with skin and wear appropriate PPE.

**Safe storage** Store in cool dry well-ventilated area away from sunlight. Protect from freezing during shipping.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### **National exposure standards**

None established for product.  
2-Butoxyethanol has a TWA of 25 ppm (see NICNAS Safety Info Sheet 6).  
2-(2-butoxyethoxyethanol) has MAK 100 mg/m<sup>3</sup> (ICSC 0788, 1996)

**Biological limit values** None established.

**Engineering controls** Provide general or local exhaust ventilation systems to keep airborne vapours below permissible limits.

**Personal protective equipment** Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles. Respiratory protection is not required under normal conditions of local ventilation and/or exhaust.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Coloured ink or clear liquid
<b>Odour</b>	Sweet
<b>PH</b>	Not applicable
<b>Vapour pressure</b>	<0.1 mm @ 25°C
<b>Vapour density</b>	Not applicable
<b>Boiling point/range</b>	170°C
<b>Freezing/melting point (specify which)</b>	Not determined
<b>Solubility</b>	Partial solubility with water
<b>Specific gravity</b>	1.0 @ 25°C

### **Information for flammable materials, including:**

**Flash point** >49°C

**Method for detecting flash point** Pensky-Martens Closed Cup

**Upper and lower flammable (explosive) limits in air: and**

**Ignition temperature** Not determined

## SECTION 10: STABILITY AND REACTIVITY

**Chemical stability** Product is stable at room temperature in closed containers under cool well ventilated conditions

**Conditions to avoid** Avoid exposure to UV, sunlight or raised temperatures

**Incompatible materials** Strong acids, bases, oxidizers and reducing agents, isocyanates

**Hazardous reactions** Hazardous polymerization does not occur

**Hazardous decomposition products** CO<sub>x</sub>, aldehydes, ketones and organic acids.

## SECTION 11: TOXICOLOGICAL INFORMATION

This product is a mixture for which no health data exists. The hazards associated with this mixture are based on the individual hazards of the components of the mixture.

### Acute Effects:

<b>Inhalation</b>	Human inhalation, TC <sub>L</sub> not determined
<b>Oral</b>	Not determined
<b>Reproductive toxicity</b>	None established
<b>Mutagenicity</b>	None established
<b>Teratogenicity</b>	None established
<b>Sensitisation</b>	None established.

## SECTION 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	No data available
<b>Persistence and degradability</b>	Bioconcentration in aquatic organisms low based on BCF value 2.5.
<b>Mobility</b>	Expected to have high mobility in soil

## SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product/spills in accordance with local, State and Federal regulations at an approved waste disposal facility by incineration and/or approved landfill for chemical/special waste.

## SECTION 14: TRANSPORT INFORMATION

<b>UN number</b>	UN2810
<b>UN proper shipping name</b>	Poisonous liquid, n.o.s.
<b>Class and subsidiary risk</b>	Class 6.1 (b) (iv) harmful mixture – miscible in water Subsidiary risk Class 3 – flammable
<b>Packing group</b>	III
<b>Special precautions for user</b>	
<b>Hazchem Code</b>	2Z

## SECTION 15: REGULATORY INFORMATION

- Component '2-butoxyethanol' is a SCHEDULED (S6) POISON

SECTION 16: OTHER INFORMATION

- Date of preparation of the MSDS June 2010.
- Date of Review August 2012.

*End of Material Safety Data Sheet*