

REVISION DATE: 14.05.10



## SAFETY DATA SHEET

### Special Blend Ink Cleaner

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME                      Special Blend Ink Cleaner

SUPPLIER                              Mykal Industries Ltd  
 Farnsworth House, Morris Close,  
 Park Farm Industrial Estate,  
 Wellingborough, Northants, NN8 6XF  
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PRODUCT NO.                        66185, 66186, 66187

INTERNAL ID                         SB 34

APPLICATION                        Fast drying solvent cleaner.

CONTAINER SIZE                    5 litres to 200 litres drums

#### 2 HAZARDS IDENTIFICATION

Flammable.

CLASSIFICATION (1999/45)        R10.

##### PHYSICAL AND CHEMICAL HAZARDS

Vapours are heavier than air and may travel along the floor and in the bottom of containers.

##### HUMAN HEALTH

Limited inhalation hazard at normal work temperatures.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification (67/548)
Glycol Ether	203-539-1	107-98-2	60-100%	R10.

The Full Text for all R-Phrases are Displayed in Section 16

##### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Get medical attention if any discomfort continues.

##### NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

##### INHALATION

Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

##### INGESTION

Get medical attention if any discomfort continues. Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

##### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.

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### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed immediately or cooled with water.

### UNUSUAL FIRE & EXPLOSION HAZARDS

FLAMMABLE. Vapours are heavier than air and may spread near ground to sources of ignition.

### SPECIFIC HAZARDS

Asphyxiating gases/vapours/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

### PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

### ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb with inert, damp, non-combustible material, then flush area with water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame.

### STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry and cool place.

### STORAGE CLASS

Flammable liquid storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
Glycol Ether	WEL	100 ppm	375 mg/m <sup>3</sup>	150 ppm	560 mg/m <sup>3</sup>	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash station.

### ENGINEERING MEASURES

Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours.

### RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

### EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

### OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

Colourless liquid

### COLOUR

Colourless

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ODOUR	Organic solvents.		
PHYSICAL DATA COMMENTS	Information given concerns the concentrated solution.		
VOLATILITY DESCRIPTION	Easily volatile.		
SOLUBILITY	Completely soluble in water		
BOILING POINT (°C)	120	RELATIVE DENSITY	0.92
VOLATILE BY VOL. (%)	100	VISCOSITY	1.5 cps
FLASH POINT (°C)	31	AUTO IGNITION	287
		TEMPERATURE (°C)	
FLAMMABILITY LIMIT - LOWER(%)	1.5	FLAMMABILITY LIMIT - UPPER(%)	13.7

**10 STABILITY AND REACTIVITY****STABILITY**

No particular stability concerns.

**CONDITIONS TO AVOID**

Avoid contact with: Strong mineral acids. Strong oxidising agents.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50                      6500 mg/kg (oral rat)

**TOXICOLOGICAL INFORMATION**

No data recorded.

**GENERAL INFORMATION**

This product has low toxicity. Only large volumes may have adverse impact on human health.

**INHALATION**

May cause irritation to the respiratory system.

**INGESTION**

No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT**

Repeated exposure may cause skin dryness or cracking.

**EYE CONTACT**

Splashes may irritate.

**HEALTH WARNINGS**

This product has low toxicity. Only large volumes may have adverse impact on human health.

**OTHER HEALTH EFFECTS**

This substance has no evidence of carcinogenic properties.

**MEDICAL SYMPTOMS**

Irritation of eyes and mucous membranes.

**MEDICAL CONSIDERATIONS**

No information about adverse effects due to exposure.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

The product is not expected to be hazardous to the environment.

LC 50, 96 Hrs, FISH mg/l                      20800

EC 50, 48 Hrs, DAPHNIA, mg/l                23300

**MOBILITY**

The product is soluble in water.

**BIOACCUMULATION**

The product is not bioaccumulating.

**DEGRADABILITY**

The product is biodegradable.

**WATER HAZARD CLASSIFICATION**

WGK 1

## Special Blend Ink Cleaner

### 13 DISPOSAL CONSIDERATIONS

#### GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

#### DISPOSAL METHODS

INCINERATE.

### 14 TRANSPORT INFORMATION

#### GENERAL

No other information noted. Tariff code 2901 1000



UK ROAD CLASS	3		
PROPER SHIPPING NAME	1-Methoxy-2-Propanol		
UN NO. ROAD	3092	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	TUNNEL RESTRICTION CODE	(D/E)
HAZARD No. (ADR)	30	ADR LABEL NO.	3
HAZCHEM CODE	3Y	CEFIC TEC(R) NO.	30GF1-III, 30GF1-sp
RID CLASS NO.	3	RID PACK GROUP	III
UN NO. SEA	3092	IMDG CLASS	3
IMDG PACK GR.	III	EMS	F-E, S-D
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	3092	AIR CLASS	3
AIR PACK GR.	III		

### 15 REGULATORY INFORMATION

#### RISK PHRASES

R10 Flammable.

#### SAFETY PHRASES

S16 Keep away from sources of ignition - No smoking.  
 S24 Avoid contact with skin.  
 S51 Use only in well-ventilated areas.  
 S37 Wear suitable gloves.

#### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

#### ENVIRONMENTAL LISTING

No listing noted.

#### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.

#### STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

#### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

### 16 OTHER INFORMATION

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#### RISK PHRASES IN FULL

R10 Flammable.

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### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.