

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY**

Product Name            SPEEDY-DIFF COMPLETE KIT

Product Code            61081X

Supplier                 Clin-Tech Limited  
                              Unit G, Perram Works  
                              Merrow Lane  
                              Guildford, Surrey  
                              GU4 7BN

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**2. COMPOSITION / INFORMATION ON INGREDIENTS**

The kit as presented contains the following volumes of each of Speedy-Diff Fixative (61078X), Speedy-Diff A (61079X) and Speedy-Diff B (61080X):

610813	2 x 30 mL
610815	500 mL
610811	1 Litre
610810	2.5 Litres*
610819	5 Litres*

*\*not boxed together as a kit due to size*

The MSDSs for these reagents are presented separately in the following pages.

**3. HAZARDS IDENTIFICATION**

CLASSIFICATION        F;R11  
                                  T; R23/24/25 R39/23/24/25

- Highly flammable
- Toxic by inhalation, in contact with skin and if swallowed
- Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

#### 14. TRANSPORT INFORMATION

**IATA**

UN# 3316  
 Class 9  
 PG II  
 Proper shipping name: Chemical Kit

**RID / ADR**

UN# 3316  
 Class 9  
 PG II  
 Proper shipping name: Chemical Kit

**IMDG**

UN# 3316  
 Class 9  
 PG II  
 Proper shipping name: Chemical Kit  
 Marine Pollutant: No

#### 15. REGULATORY INFORMATION

##### LABELLING



Highly Flammable



Toxic

##### CONTAINS

METHANOL

##### RISK PHRASES

R11 Highly flammable  
 R23/24/25 Toxic by inhalation, in contact with skin and if swallowed  
 R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

##### SAFETY PHRASES

S1/2 Keep locked up and out of the reach of children  
 S7 Keep container tightly closed  
 S16 Keep away from sources of ignition - No smoking  
 S36/37 Wear suitable protective clothing and gloves  
 S45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

##### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

##### GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Product Name                    **SPEEDY-DIFF FIXATIVE**

Product Code                    61078X

Supplier                            Clin-Tech Limited  
                                           Unit G, Perram Works  
                                           Merrow Lane  
                                           Guildford, Surrey  
                                           GU4 7BN

Telephone                        01483 301902  
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 e-mail / Website                [Info@clin-tech.co.uk](mailto:Info@clin-tech.co.uk) / [www.clin-tech.co.uk](http://www.clin-tech.co.uk)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
METHANOL	200-659-6	67-56-1	60-100%	F;R11T;R23/24/25,R39/23/24/25
METHYLENE BLUE	200-515-2	7220-79-3	0-1%	Xn; R22 R36/37/38

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

### 3. HAZARDS IDENTIFICATION

CLASSIFICATION                F;R11  
                                           T; R23/24/25 R39/23/24/25

- Highly flammable
- Toxic by inhalation, in contact with skin and if swallowed
- Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

### 4. FIRST-AID MEASURES

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

**DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!** Get medical attention immediately!

**SKIN CONTACT**

Remove contaminated clothes and rinse skin thoroughly with water.

**EYE CONTACT**

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Use: Alcohol resistant foam. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

May travel considerable distance to source of ignition and flash back. May form explosive or toxic mixtures with air. Vapour explosion and poison hazard indoors, outdoors and in sewers.

**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**

Do not allow spillage to enter watercourses, drains or sewers. Fire Brigade and Local authority must be informed if this happens as a potential explosive hazard may be created. stop leak if possible without risk. Cover with dry sand or earth, do NOT use sawdust or other combustible materials. Shovel up residue and collect for authorised disposal.

**SPILL CLEAN UP METHODS**

Stop leak if possible without risk. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Inform Authorities if large amounts are involved. Absorb in vermiculite, dry sand or earth and place into containers. Flush area with plenty of water. Absorb small Quantities with paper towels and evaporate in safe place (fume hood). Allow sufficient time for vapours to completely clear the hood ducts, then burn the paper in a location away from combustible materials.

## 7. HANDLING & STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented.

### STORAGE PRECAUTIONS

Flammable/combustible - Keep away from oxidisers, heat and flames. Store in tightly closed original container in a cool, dry well-ventilated place. Ground container and transfer equipment to eliminate static electric sparks. May attack some plastics, rubber and coatings.

### STORAGE CLASS

Flammable liquid storage.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
METHANOL	WEL	200 ppm(Sk)	266 mg/m <sup>3</sup> (Sk)	250 ppm(Sk)	333 mg/m <sup>3</sup> (Sk)

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation. Provide explosion proof ventilation for high concentrations.

### RESPIRATORY EQUIPMENT

Self-contained breathing apparatus.

### HAND PROTECTION

Use protective gloves made of: Butyl rubber. Viton rubber (fluor rubber). or P.T.F.E (Teflon). The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

### EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

**OTHER PROTECTION**

Provide eyewash station.

**HYGIENE MEASURES**

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Pale Blue Clear liquid		
ODOUR	Pungent odour of alcohol		
SOLUBILITY	Miscible with water. Ethanol. Ether. Benzene. Organic solvents		
BOILING POINT	~ 64°C 760 mm Hg	MELTING POINT	~ -97°C
RELATIVE DENSITY	0.79 @ 20°C	VAPOUR DENSITY (air=1)	1.11
FLASH POINT	~ 11°C	AUTO IGNITION TEMPERATURE	400°C
FLAMMABILITY LIMIT – UPPER (%)	36	FLAMMABILITY LIMIT- LOWER (%)	6.7

**10. STABILITY AND REACTIVITY**

**STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid contact with strong oxidisers. Can react vigorously with chloroform in the presence of sodium and sodium hydroxide.

**HAZARDOUS DECOMPOSITION PRODUCTS**

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

**11. TOXICOLOGICAL INFORMATION**

TOXIC DOSE 1 - LD 50

5628 mg/kg (oral rat)

**INHALATION**

Toxic by inhalation. Toxic: danger of very serious irreversible effects through inhalation. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Central nervous system depression.

**INGESTION**

Toxic if swallowed. Toxic: danger of serious damage to health by prolonged exposure if swallowed. May cause stomach pain or vomiting. Drowsiness, dizziness, disorientation, vertigo. Central nervous system depression.

**SKIN CONTACT**

Toxic in contact with skin. Toxic: danger of very serious irreversible effects in contact with skin.

**EYE CONTACT**

Irritation, burning, lachrymation, blurred vision after liquid splash.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICITY**

Not regarded as dangerous for the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Incinerate in suitable combustion chamber. Dispose of waste and residues in accordance with local authority requirements.

## 14. TRANSPORT INFORMATION

**RID / ADR**

UN# 1230  
 Class 3 (6.1)  
 PG II  
 Proper shipping name: Methanol  
 HazChem 2WE

**IMDG**

UN# 1230  
 Class 3 (6.1)  
 PG II  
 Proper shipping name: Methanol  
 Marine Pollutant: No

**IATA**

UN# 1230  
 Class 3 (6.1)  
 PG II  
 Proper shipping name: Methanol

## 15. REGULATORY INFORMATION

### LABELLING



Highly Flammable



Toxic

### CONTAINS

METHANOL

### RISK PHRASES

R11	Highly flammable
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed

### SAFETY PHRASES

S1/2	Keep locked up and out of the reach of children
S7	Keep container tightly closed
S16	Keep away from sources of ignition - No smoking
S36/37	Wear suitable protective clothing and gloves
S45	In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)

### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

### GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

**16. OTHER INFORMATION****GENERAL INFORMATION**

This safety data sheet covers all codes for this product.

**REVISION COMMENTS**

Limits adjusted.

R & S phrases amended.

REVISION DATE

07 - 2008

REV. NO./REPL. SDS GENERATED

3 / 09-2006

**RISK PHRASES IN FULL**

R11	Highly flammable
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed
R39/23/24/25	Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed
R22	Harmful if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Product Name            SPEEDY-DIFF STAIN "A"

Product Code            61079X

Supplier                 Clin-Tech Limited  
                               Unit G, Perram Works  
                               Merrow Lane  
                               Guildford, Surrey  
                               GU4 7BN

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
EOSIN Y	239-138-3	15086-94-9	1-5%	

### 3. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 4. FIRST-AID MEASURES

#### INHALATION

Not relevant.

#### INGESTION

**DO NOT INDUCE VOMITING!** Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

**5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIFIC HAZARDS**

The product is non-combustible. If heated, toxic vapours may be formed.

**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

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

**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers. Wash spillage site with water and detergent.

**7. HANDLING & STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a cool, dry well-ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****PROTECTIVE EQUIPMENT****HAND PROTECTION**

For prolonged or repeated skin contact use suitable protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

**EYE PROTECTION**

Wear approved, tight fitting safety glasses where splashing is probable.

**HYGIENE MEASURES**

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid
COLOUR	Light Red
ODOUR	No characteristic odour.
SOLUBILITY	Soluble in water
BOILING POINT	~ 102°C 760 mm Hg
RELATIVE DENSITY	~ 1.10 @ 20°C

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

Stable under normal temperature conditions and recommended use.

**11. TOXICOLOGICAL INFORMATION****INHALATION**

No specific health warnings noted.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Prolonged or repeated exposure may cause irritation.

**EYE CONTACT**

Prolonged contact may cause transient eye irritation.

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

Not regarded as dangerous for the environment.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14. TRANSPORT INFORMATION**

**GENERAL** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15. REGULATORY INFORMATION****RISK PHRASES**

NC Not Classified

**SAFETY PHRASES**

NC Not Classified

**STATUTORY INSTRUMENTS**

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

**APPROVED CODE OF PRACTICE**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

**GUIDANCE NOTES**

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

**16. OTHER INFORMATION****GENERAL INFORMATION**

This safety data sheet covers all codes for this product.

**REVISION COMMENTS**

Reformatting

REVISION DATE 08-2008

REV. NO./REPL. SDS GENERATED 3 / 09-2006

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION & COMPANY

Product Name            SPEEDY-DIFF STAIN "B"

Product Code            61080X

Supplier                 Clin-Tech Limited  
                               Unit G, Perram Works  
                               Merrow Lane  
                               Guildford, Surrey  
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 e-mail / Website        [Info@clin-tech.co.uk](mailto:Info@clin-tech.co.uk) / [www.clin-tech.co.uk](http://www.clin-tech.co.uk)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
AZUR I	208-511-2	531-55-5	0-1%	
METHYLENE BLUE	200-515-2	61-73-4	0-1%	Xn;R22 Xi;R36/37/38

### 3. HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

### 4. FIRST-AID MEASURES

#### INHALATION

Not relevant.

#### INGESTION

DO NOT INDUCE VOMITING! Rinse mouth thoroughly. Get medical attention if any discomfort continues.

#### SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water.

#### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Contact physician if discomfort continues.

**5. FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Use fire-extinguishing media appropriate for surrounding materials.

**SPECIFIC HAZARDS**

The product is non-combustible. If heated, toxic vapours may be formed.

**6. ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

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

**SPILL CLEAN UP METHODS**

Absorb in vermiculite, dry sand or earth and place into containers. Wash spillage site with water and detergent.

**7. HANDLING & STORAGE****USAGE PRECAUTIONS**

Avoid spilling, skin and eye contact.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a cool, dry well-ventilated place.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****PROTECTIVE EQUIPMENT****HYGIENE MEASURES**

**DO NOT SMOKE IN WORK AREA!** Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Liquid
COLOUR	Dark Blue
ODOUR	No characteristic odour.
SOLUBILITY	Soluble in water
BOILING POINT	~ 102°C 760 mm Hg
RELATIVE DENSITY	~ 1.10 @ 20°C

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

Stable under normal temperature conditions and recommended use.

**11. TOXICOLOGICAL INFORMATION****INHALATION**

No specific health warnings noted.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Prolonged or repeated exposure may cause irritation.

**EYE CONTACT**

Prolonged contact may cause transient eye irritation.

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

Not regarded as dangerous for the environment.

**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14. TRANSPORT INFORMATION**

**GENERAL** The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 15. REGULATORY INFORMATION

#### LABELLING

#### CONTAINS

#### RISK PHRASES

NC Not Classified

#### SAFETY PHRASES

NC Not Classified

#### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.

#### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

#### GUIDANCE NOTES

CHIP for everyone HSG(108). Workplace Exposure Limits EH40.

### 16. OTHER INFORMATION

#### GENERAL INFORMATION

This safety data sheet covers all codes for this product.

#### REVISION COMMENTS

Reformatting

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#### RISK PHRASES IN FULL

R22	Harmful if swallowed
R36/37/38	Irritating to eyes, respiratory system and skin