

# SAFETY DATA SHEET

## COMBIFIX 8055

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

PRODUCT NAME                    COMBIFIX 8055  
 PRODUCT NO.                    8055 (09 / 19 /29)  
 APPLICATION                    Damping system additive  
 SUPPLIER                        STEHLIN HOSTAG INK UK LTD  
    UNIT D4 LINKMEL CLOSE  
    QUEENS DRIVE INDUSTRIAL  
    ESTATE  
    NOTTINGHAM  
    NG2 1NA  
    Tel : 0115 9860477  
    (0115 986 0477 Mon- Sat 24 hrs  
    Fax : 0115 9862681  
    e-mail: sds@stehlin.co.uk

### 2 HAZARDS IDENTIFICATION

Irritating to eyes. May cause sensitisation by skin contact.

CLASSIFICATION                    Xi;R36. R43.

#### ENVIRONMENT

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest version.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
a mixture of: 5-chloro-2-methyl-2 H -isothiazol-one and 2-methyl-2-H- isothiazol-3-one		55965-84-9	< 0.5%	T;R23/24/25 C;R34 R43 N;R50/53
BRONOPOL (INN)	200-143-0	52-51-7	< 0.5%	Xn;R21/22 Xi;R37/38,R41 N;R50
PROPAN-2-OL	200-661-7	67-63-0	7-10%	F;R11 Xi;R36 R67

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

#### COMPOSITION COMMENTS

Water-based formulation containing buffer, hydrophilizers, surfactants, antimicrobial agents, alcohols and additives.

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

When symptoms persist or in all cases of doubt seek medical advice.

#### INHALATION

Move the exposed person to fresh air at once.

#### INGESTION

If accidentally swallowed obtain immediate medical attention. Keep at rest DO NOT INDUCE VOMITING!

#### SKIN CONTACT

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser Do NOT use solvents or thinners

#### EYE CONTACT

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

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## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

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

### SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Dike and collect extinguishing water.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Fire will produce clouds of dense black smoke.

### SPECIFIC HAZARDS

Exposure to hazardous decomposition products may cause a health hazard. Appropriate breathing apparatus may be required.

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Refer to protective measures listed in sections 7 and 8. Exclude sources of ignition. Provide adequate ventilation. Do not breathe vapour.

### ENVIRONMENTAL PRECAUTIONS

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

### SPILL CLEAN UP METHODS

Dam and absorb spillages with sand, earth or other non-combustible material. Clean area with a detergent- avoid the use of solvents. Collect in containers which can be sealed for disposal according to local authority regulations

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Prevent the creation of flammable or explosive concentrations of vapour and avoid concentrations higher than the occupational exposure limits. Additionally, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. When transferring from one container to another apply earthing measures and use conductive hose material. Product may charge electrostatically. No sparking tools should be used. Avoid contact with skin and eyes. Avoid eating, drinking and smoking when using the product. Comply with health and safety at work laws.

### STORAGE PRECAUTIONS

Electrical installations / working materials must comply with the technological safety standards. Storage rooms in which filling operations take place must have conductive floor. Store in tightly closed original container in a dry, cool and well-ventilated place. Containers which are open must be carefully resealed and kept upright to prevent leakage. Keep away from sources of heat and direct sunlight. Exclude sources of ignition. Store in accordance with national regulations concerning water pollution. Protect from frost

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
Glycerol	WEL		10 mg/m3		
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3
Propylenglycol	WEL	150 (total) ppm	474 (total) 10 (particulates) mg/m3		

### INGREDIENT COMMENTS

Propylenglycol = 10-15%, Glycerol = 10 -15% Propan-2-ol = 5-10% WEL = Workplace Exposure Limits

### ENGINEERING MEASURES

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### RESPIRATORY EQUIPMENT

If the occupational exposure limits can't be met, in exceptional cases suitable respiratory protection should be worn only for a short period of time.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Barrier creams may help to protect the exposed areas of the skin. They should however not be applied once exposure has occurred. The glove material has to be impermeable and resistant to the product. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

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## EYE PROTECTION

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

## SKIN PROTECTION

All parts of the skin should be washed after contact. Personnel should wear anti static footwear Work clothes must not consist of textiles which show a dangerous melting behaviour in case of fire.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	pale green		
ODOUR	Characteristic		
SOLUBILITY	Miscible with water.		
RELATIVE DENSITY	1.011	VOLATILE BY VOL. (%)	5-10
pH-VALUE, CONC. SOLUTION	3.5 - 5.5	FLASH POINT (°C)	40

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under recommended storage and handling conditions (see section 7)

### MATERIALS TO AVOID

Keep well away from oxidising agents and strongly alkaline or strongly acidic materials in order to avoid exothermic reactions.

## 11 TOXICOLOGICAL INFORMATION

### GENERAL INFORMATION

The preparation is classified according to the conventional method (calculation method of the EC-directive 1999/45/EC)

### SKIN CONTACT

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin, resulting in skin dryness. May be absorbed through the skin. Repeated or prolonged contact with the product may cause removal of natural fats from the skin resulting in non allergic contact dermatitis.

### EYE CONTACT

Eye splashes may cause irritation and reversible damage

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

The product should not be allowed to enter drains , water courses or soil

## 13 DISPOSAL CONSIDERATIONS

### GENERAL INFORMATION

Waste is classified as hazardous waste.

### DISPOSAL METHODS

Do not empty into drains.

### WASTE CLASS

14 06 03 other solvents and solvent mixtures

## 14 TRANSPORT INFORMATION

### GENERAL

Not classified according to transport regulations for dangerous goods. Non dangerous good according to 2.2.3.1.1 note1

### SEA TRANSPORT NOTES

See amendment 5.1.3.1.1

### AIR TRANSPORT NOTES

see section 3.3.1.3

### MARINE POLLUTANT

No.

## 15 REGULATORY INFORMATION

# COMBIFIX 8055

## LABELLING



Irritant

CONTAINS a mixture of: 5-chloro-2-methyl-2 H -is othiazol-one and 2-methyl-2-H- is othiazol-3one

## RISK PHRASES

R36 Irritating to eyes.  
 R43 May cause sensitisation by skin contact.

## SAFETY PHRASES

S7 Keep container tightly closed.  
 S16 Keep away from sources of ignition - No smoking.  
 S24/25 Avoid contact with skin and eyes.  
 S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S29 Do not empty into drains.  
 S35 This material and its container must be disposed of in a safe way.  
 S37 Wear suitable gloves.

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**16 OTHER INFORMATION**


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## REVISION COMMENTS

Changes to sections :- 1 8

## ISSUED BY

Paul R Hayden

REVISION DATE 29/11/07

SDS NO. 8/002

## SAFETY DATA SHEET STATUS

Approved.

## RISK PHRASES IN FULL

R11 Highly flammable.  
 R21/22 Harmful in contact with skin and if swallowed.  
 R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.  
 R34 Causes burns.  
 R36 Irritating to eyes.  
 R37/38 Irritating to respiratory system and skin.  
 R41 Risk of serious damage to eyes.  
 R43 May cause sensitisation by skin contact.  
 R50 Very toxic to aquatic organisms.  
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R67 Vapours may cause drowsiness and dizziness.

## DISCLAIMER

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