



**SDSCR682**

# **CUPRINOL 5 STAR COMPLETE WOOD TREATMENT (FP) SAFETY DATA SHEET**

Revision 04/2010

## **1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

PRODUCT NAME : Cuprinol 5 Star Complete Wood Treatment (FP)

Supplied by : ICI Paints AkzoNobel, Wexham Road, Slough, Berkshire, SL2 5DS, U.K.

E-mail address : [duluxtrade\\_advice@ici.com](mailto:duluxtrade_advice@ici.com)

Emergency Telephone : Slough +44 (0) 1753 550000

### **INTENDED USE**

ICI Paints AkzoNobel's decorative products are intended for use in the decoration of buildings surfaces. Refer to product label for details of areas of use and methods of application. The product is intended for use in the process of repairing, preparing or decorating building surfaces, as directed on the container.

## **2. HAZARDS IDENTIFICATION**

This product has been assessed under the CHIP and Control of Pesticides Regulations and is classified as follows:

Indication(s) of Danger

Harmful, Dangerous For The Environment

Symbol Letter(s)

Xn, N

Category(ies) of Danger

Harmful, Dangerous For The Environment

Warning Label Phrases

R65 Harmful: may cause lung damage if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking.

Contains PROPICONAZOLE. May produce an allergic reaction.

Information on Occupational Exposure Limits is given in Section 8.

### **3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substances presenting a physico-chemical, health or environmental hazard within the meaning of the CHIP Regulations or which are assigned occupational exposure limits.

EC No.	CAS No.	HAZARDOUS INGREDIENTS	%	CLASSIFICATION
265-149-8	64742-47-8	DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	75-100	Xn R65-66
252-104-2	34590-94-8	METHOXY PROPOXY PROPANOL	2.5-10	
262-104-4	60207-90-1	PROPICONAZOLE	< 1.0	N, Xn R22-43-50/53
417-680-3	101463-69-8	FLUFENOXURON	< 1.0	N R50/53-57

Note: The text for R phrase codes shown above (if any) is given in section 16.

Note: 'EC Number' if quoted is the EINECS or ELINCS number.

### **4. FIRST-AID MEASURES**

In all cases of doubt, or where symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped administer artificial respiration. Give nothing by mouth. If unconscious place in the recovery position. Seek medical advice.

**EYE CONTACT:** Remove contact lenses. Irrigate copiously with clean, fresh water for at least 10 minutes, holding lids apart. Seek medical advice.

**SKIN CONTACT:** Remove contaminated clothing, wash skin thoroughly with soap and water, or use a proprietary skin cleanser. Do not use solvents or thinners. Seek medical advice if symptoms persist.

**INGESTION:** If accidentally swallowed, DO NOT INDUCE VOMITING. Keep at rest and obtain medical attention.

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

Extinguishing media: Recommended - alcohol resistant foam, CO<sub>2</sub>, powders.

Not to be used - waterjet.

Recommendations : Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Fire fighters should wear self-contained breathing apparatus.

Closed containers exposed to fire should be cooled with water. Do not allow run-off from fire-fighting to enter drains or water-courses.

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

Exclude non-essential personnel.

Exclude sources of ignition and ventilate the area. Avoid breathing vapours. Refer to protective measures listed in section 8. Contain and collect spillage with non-combustible absorbent materials, eg sand, earth, vermiculite or diatomaceous earth, and place in container for disposal according to local regulations (see section 13). Do not allow to enter drains or watercourses. Clean preferably with a detergent; avoid use of solvents. If the product enters drains or sewers, immediately contact the local water company; in the case of contamination of streams, rivers or lakes, the relevant environment agency.

## **7. HANDLING AND STORAGE**

Persons with a history of skin sensitisation problems which are related to substances listed in section 3 of this safety data sheet should only be employed in processes in which this product is used under appropriate medical supervision.

**HANDLING CONDITIONS:** Prevent air-borne concentrations higher than the occupational exposure limits. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Avoid skin and eye contact. Avoid inhalation of vapour. Smoking, eating and drinking should be prohibited in storage and use areas. For personal protection, see Section 8. Always keep in containers made of the same material as the supply container, or in containers that are compatible with the product.

**STORAGE CONDITIONS:** Observe the label precautions. Store in a cool, dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Do not use or store any paint container by hanging on a hook.

The Manual Handling Operations Regulations 1993 may apply to the handling of certain Paint Products. Products packed in containers of 5 litres and above will be marked with a guide weight; refer to these weights when carrying out an assessment.

The principles contained in the HSE guidance note Storage of Packaged Dangerous Substances, should be observed when storing this product. Store separately from oxidising agents, strongly alkaline and strongly acidic materials, amines, alcohols and water.

**SPECIFIC USE(s):** Where applicable refer to the product label and literature for the application and use instructions.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### EXPOSURE LIMIT VALUES

HAZARDOUS INGREDIENT	LTEL (8hr TWA) ppm	LTEL (8hr TWA) mg/m3	STEL (15 mins) ppm	STEL (15 mins) mg/m3	Notes
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT	100	500			SUP
METHOXY PROPOXY PROPANOL	50	308			OEL,SK

OEL - Occupational Exposure Limits

WEL - Workplace Exposure Limit

SUP - Manufacturer's recommended Limit

LTEL - Long-term Exposure Limit.

TWA - Time weighted Average

STEL - Short term Exposure Limit (15mins)

sk - Risk of absorption through unbroken skin

sen - Respiratory sensitiser

rd - Figure quoted is for Respirable dust

id - Figure quoted is for Inhalable dust

Further guidance on WELs and OELs, and on occupational exposure to harmful materials (including mixed exposures) is given in HSE Guidance Note EH40.

### EXPOSURE CONTROLS

Before commencing work, ensure that a COSHH Assessment has been carried out. All personal protective equipment, including respiratory protective equipment, used to control exposure to hazardous substances must be selected to meet the requirements of local regulations.

**RESPIRATORY PROTECTION:** Avoid the inhalation of vapour, particulates and spray mist. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of particulates and solvent vapour below the occupational exposure limit, respiratory protection must be worn.

The selection of respiratory equipment should be in accordance with BS 4275. Recommendations for the selection, use and maintenance of Respiratory Equipment, and the current certificates of approval are issued annually by the Health and Safety Executive.

For solvent-based products, consider using water-based products as alternatives, where equivalent products exist. Work only in places of good ventilation. Inside always keep doors and windows fully open during application and drying. When applying

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Initial Boiling Point :	155	°C
Specific Gravity :	0.817	
Water Miscibility :	No	
pH :	No Information	
Viscosity :	< 30	(ISO 6mm Range)

## **10. STABILITY AND REACTIVITY**

CONDITIONS TO AVOID: Extremes of temperature.

MATERIALS TO AVOID: Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.

HAZARDOUS DECOMPOSITION PRODUCTS: When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.

## **11. TOXICOLOGICAL INFORMATION**

There is no data available on the product itself. The product has been assessed following the conventional method in the CHIP Regulations and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See Sections 2 and 15 for details of the resulting hazard classification.

Over-exposures of vapour are irritating to eyes and respiratory system. Excessive concentrations may produce effects on the central nervous system including drowsiness. In extreme cases loss of consciousness may result. Long term exposure to vapour concentrations in excess of quoted OELs may result in adverse health effects. Splashes entering the eye will cause discomfort and possible damage. Prolonged contact with the skin may have a defatting effect which may lead to skin irritation and in some cases dermatitis.

Propylene glycol ethers and their acetates are known not to exhibit the reprotoxic effects that are associated with some ethylene glycol ethers and their acetates.

## **12. ECOLOGICAL INFORMATION**

There is no specific data available on the product itself.

The product should not be allowed to enter drains or watercourses or be deposited where it can affect ground or surface waters.

The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

Products classified as Marine Pollutants are indicated as such under Transport (section 14).

Products classified as Dangerous For the Environment are indicated as such in sections 2 and 15.

Any substances in the product that are classified as Dangerous for the Environment, present at concentrations above those requiring listing are given in section 3.

### **13. DISPOSAL CONSIDERATIONS**

Wastes, including emptied containers, should be disposed of in accordance with national regulations.

**CODES ACCORDING TO THE LIST OF WASTES REGULATIONS:**

Product as supplied: Assigned as hazardous waste code 03 02 02\* organochlorinated wood preservatives.

Part-used containers, containing dried residues of the supplied product: Assigned as hazardous waste code 03 02 02\* organochlorinated wood preservatives.

Used containers, rigorously scraped out and containing dried residues of the supplied product: Assigned as non-hazardous waste code 15 01 02 plastic packaging OR non-hazardous waste code 15 01 04 metal packaging.

"Rigorously scraped out" means removing the maximum amount of product from the container by physical or mechanical means (draining or scraping) to leave a residue or contamination that cannot be removed by such means.

These codes have been assigned based on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable.

### **14. TRANSPORT INFORMATION**

Transport within user's premises:

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport to be in accordance with ADR for road, IMDG for sea. The transport classifications provided in this section are not valid for transport by Air. Please call the number in section 1 of this safety data sheet to obtain more information on this products classification for Air transport.

#### **ADR Classification Information**

UN Number : 3082  
Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Hazard Class : 9  
Sub-Hazard Class :  
Packing Group : III  
Technical Name (NOS only) : FLUFENOXURON  
Ltd Qty Code : LQ7  
Packing Instructions : P001

#### **IMDG Classification Information**

UN Number : 3082  
Proper Shipping Name : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
Hazard Class : 9  
Sub-Hazard Class :  
Packing Group : III  
Technical Name (NOS only) : FLUFENOXURON  
Ltd Qty Maximum : 5.0 litres  
Packing Instructions : P001  
Marine Pollutant if indicated here: \* MARINE POLLUTANT \*  
Emergency Schedule No : F-A,S-F  
Flashpoint : > 61 - < 93

## **15. REGULATORY INFORMATION**

This product has been assessed under the CHIP and Control of Pesticides Regulations and is classified as follows:

### **NAMED SUBSTANCES**

CHIP Regulations:

No substances are required to be named in this section

Control of Pesticides Regulations:

CONTAINS FLUFENOXURON 0.02% w/w, PROPICONAZOLE 0.6% w/w

### **INDICATION(S) OF DANGER**

Harmful, Dangerous For The Environment

### **SYMBOLS LETTER(S)**

Xn, N

### **WARNING LABEL PHRASES:**

R65 Harmful: may cause lung damage if swallowed.  
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R66 Repeated exposure may cause skin dryness or cracking.  
Contains PROPICONAZOLE. May produce an allergic reaction.

Statutory conditions relating to use:

FOR USE ONLY AS A WOOD PRESERVATIVE.

APPLICATION RATE: BRUSH AND SPRAY (low pressure 1-3 BAR Compression Spray only): APPLY 1 LITRE OF PRODUCT PER 3 - 4 SQUARE METRES OF TIMBER.

DIP: DIP FOR AT LEAST 3 MINUTES.

Wear suitable protective clothing and gloves.

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Do not breathe spray. Otherwise wear respiratory protective equipment and eye protection (see HSE Guidance Booklet HS (G) 53: "The Selection, Use and Maintenance of Respiratory Protective Equipment – A Practical Guide").

DO NOT CONTAMINATE FOODSTUFFS, EATING UTENSILS OR FOOD CONTACT SURFACES.

COVER ALL WATER STORAGE TANKS before application.

FOR INTERIOR USE ONLY.

UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS FOR 48 HOURS OR UNTIL SURFACES ARE DRY.

This material and its container must be disposed of in a safe way.

Do not contaminate ground, waterbodies or watercourses with chemicals or used container.

Avoid release to the environment. Refer to special instructions/safety data sheets.

Use only in well ventilated areas.

REMOVE OR COVER ALL FISH TANKS AND BOWLS before application.

ALL BATS ARE PROTECTED UNDER THE WILDLIFE AND COUNTRYSIDE ACT 1981 AND WILDLIFE (NORTHERN IRELAND) ORDER 1985. BEFORE TREATING ANY STRUCTURE USED BY BATS, CONSULT ENGLISH NATURE, SCOTTISH NATURAL HERITAGE, THE COUNTRYSIDE COUNCIL FOR WALES OR THE DEPARTMENT OF THE ENVIRONMENT FOR NORTHERN IRELAND.

READ ALL PRECAUTIONS BEFORE USE. HSE Number 7878.

Precautions phrases:

Keep away from sources of ignition – No smoking.

Keep out of the reach of children.

WASH ANY CONTAMINATION from skin or eyes immediately.

WASH HANDS AND EXPOSED SKIN before meals and after use.

Keep only in the original container. Keep container tightly closed. KEEP IN A SAFE PLACE.

VENTILATE TREATED AREAS THOROUGHLY after application.

To avoid risks to man and the environment, comply with the instructions for use.

This product is approved under The Control of Pesticides Regulations 1986 (as amended) for use as directed. HSE Number 7878.

When applying it is advisable to wear eye protection.

Do not use or store by hanging on a hook.

Some local authorities have special facilities for disposal of waste product.

Avoid the inhalation of dust. Wear suitable face mask if dry sanding.

Special precautions should be taken during surface preparation of pre-1960s paint surfaces over wood and metal as they may contain harmful lead. For further advice contact ICI Paints.

## **16. OTHER INFORMATION**

Text for R Phrases shown in section 3 describing each ingredient:

R22	Harmful if swallowed.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.

The information in this safety data sheet is required in pursuant to the CHIP Regulations.

Other Reference: The Control of Substances Hazardous to Health Regulations (COSHH). You should satisfy yourself that your COSHH Assessment is in accordance with the COSHH Regulations and Approved Code of Practice. ICI does not accept any responsibility for your COSHH Assessment.

The information on this sheet is not a specification: it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product nor where instructions and recommendations are not followed.

We will be pleased to answer any specific enquiries regarding the safe use, storage and handling of our product.

Contact: ICI Paints AkzoNobel Technical Group, Wexham Road, Slough, Berks. SL2 5DS. Telephone: 08444 817 818.

Imperial Chemical Industries Limited is part of AkzoNobel

Registered office 26th Floor Portland House Bressenden Place London SW1E 5BG Registered number 218019

Revision 04/2010: CHANGES TO SECTIONS 1,3,8,14,16 COMPARED WITH PREVIOUS VERSION DATED 02/2007 WHICH IS NOW SUPERSEDED.