



Section 1 **Identification of Product and Supplier**

Product Name: **BLACK SPOT REMOVER**

Production No:

Other Names:

Use: Killing "Black Spot" fungus in swimming pools

Manufacturer: Nowra Chemical Manufacturers P/L Phone: 02 4421 4099 Fax: 02 4421 4932
112 Albatross Rd Nowra NSW 2541 email: sales@nowchem.com.au

Section 2 **Hazards Identification**

Hazardous according to the criteria of NOHSC

R36 Irritating to eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Poisons Schedule : n/a

Section 3 **Composition / Information On Ingredients**

Ingredients:	CAS No:	Proportion:
Copper Tetrammine	58675-51-7	10 - 20%
Water	7732-18-5	70 - 90%
Ammonia	7664-41-7	< 1%

Section 4 **First Aid Measures**

For advice, contact a Poisons Information Centre on 131 126 or a doctor

Swallowed: Do NOT induce vomiting. Give a glass of water to drink. Seek Medical Advice.

Eyes: Hold eye open and flush with running water for 15 minutes. If necessary seek Medical Advice.

Skin: Remove contaminated clothing and launder before re-use. Wash affected areas thoroughly. If necessary seek Medical Advice.

Inhaled: Remove victim to fresh air. If victim does not respond immediately seek Medical Advice.

Advice to doctor: Product contains Copper Chloride and a low level of ammonia

Section 5 **Fire Fighting Measures**

Extinguishers: Not applicable. Product is not flammable.

Combustion Products: Product is not flammable but may produce harmful fumes if involved in a fire.

Fire PPE: Wear fully self-contained breathing apparatus.



Hazchem Code: n/a

Section 6 Accidental Release Measures

Emergency Procedure: Prevent spillage from spreading by damming with an inert material such as sand or soil. If necessary, notify Emergency Services.

Spills and Disposal: Contain all spills, absorb with inert material and store in labelled drums. Dispose of in landfill. Residues may be washed to sewage system

Section 7 Handling And Storage

Storage and Transport: No special requirements

Safe Handling: Wear appropriate protective clothing at all times. Take care handling drums as they may be very heavy.

Section 8 Exposure Controls / Personal Protection

Exposure Standards: None apply for this product

Engineering Controls: No special ventilation required

Personal Protection: Wear safety glasses and PVC or rubber gloves while handling

Section 9 Physical And Chemical Properties

Appearance: Clear dark blue liquid

Odour: Distinct ammonia odour

pH: approx 10

Vapour Pressure: Unknown (water)

Vapour Density: Unknown

Boiling Range: approx 100 deg C

Melting Point: 0 deg C

Solubility: 100 % in Water

Specific Gravity: 1.000

Flash Point: n/a deg C

Product is not Flammable

Flammability Limits: n/a

Autoignition Temperature: n/a

Volatile Component: 80 %

Viscosity: Less than 100 cSt

Other Properties:

Section 10 Stability And Reactivity

Chemical Stability: This product is expected to be completely chemically stable

Conditions to avoid:



Do not allow to mix with any alkaline product as its activity will be reduced.

Incompatible Materials: Incompatible with aluminium, zinc, tin or their alloys

Hazardous Decomposition Products: None

Hazardous Reactions: None

Section 11 **Toxicological Information**

Acute (short term):

Swallowed: May be harmful if swallowed. May cause gastric irritation. May result in nausea, vomiting and diarrhoea

Eye: Will cause mild short term irritation

Skin: May cause irritation in some individuals. Repeated or prolonged contact may cause irritant contact dermatitis

Inhalation: Inhalation of dust or mists will result in respiratory irritation

Chronic (long term): No information available.

Toxicological Data: No information available

Section 12 **Ecological Information**

Ecotoxicity: Avoid contaminating waterways as the product is expected to have a serious effect on waterborne organisms.

Section 13 **Disposal Considerations**

Disposal of Containers: Containers should be thoroughly rinsed before disposal to land fill or recycling. In addition labels should be defaced to indicate that container has been cleaned.

Section 14 **Transport Information**

UN No: N/Reg **UN Name:** n/a

D. G. Class: n/a **Sub Risk:** n/a **Pack. Grp:** n/a **Hazchem Code:** n/a

n/a = not applicable (not a dangerous goods)

Section 15 **Regulatory Information**

Hazardous according to the criteria of NOHSC

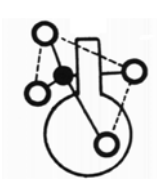
Hazard Category: Xi: Irritant

R36 Irritating to eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

Poisons Schedule : n/a

This material, or its ingredients, are listed on the Australian Inventory of Chemical Substances (AICS)



Section 16

Other Information

Modified May 2013

Literature References:

Sources Of Data:

Extra Data:

Abbreviations:

ARDG Australian Guidelines for Transport of Dangerous Goods by Road and Rail

NOHSC National Occupational Health and Safety Commission

n/a Not Applicable

TWA Time weighted average of airborne concentration over an eight-hour working day, for a 5 day working week over an entire life.

STEL Short Term Exposure Limit - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal 8 hour working day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to its use together with any other material or in any process.

Contact Phone: (02) 4421 4099
ask for technical assistance