

SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

1.1 Product identifier

Product name DAVID GRAYS COPPER OXYCHLORIDE FUNGICIDE
Synonym(s) 6950 - MANUFACTURER CODES • TROUGH BLOCK

1.2 Uses and uses advised against

Use(s) To control fungus diseases of certain fruit, vegetables and ornamentals.

1.3 Details of the supplier of the product

Supplier name DAVID GRAY & CO PTY LIMITED
Address 2 Rawlinson St, O'Connor, WA, 6961, AUSTRALIA
Telephone (08) 9337 4933
Email general@davidgray.com.au
Website <http://www.davidgray.com.au>

1.4 Emergency telephone number(s)

Emergency (08) 9337 4933 (B/H)

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

GHS classification(s) Aquatic Toxicity (Chronic): Category 1

2.1 Label elements

Signal word NOT PRESCRIBED

Pictogram(s)



Hazard statement(s) Harmful to aquatic life
H402

Prevention statement(s)
P273 Avoid release to the environment.

Response statement(s)
P391 Collect spillage.

Storage statement(s)
None allocated.

Disposal statement(s)
P501 Dispose of contents/container in accordance with relevant regulations.

Other Hazards:

No information provided.

SAFETY DATA SHEET

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Substances / Mixtures

Ingredient	CAS Number	EC Number	Content
COPPER (as copper oxychloride)	1332-40-7	Not Available	500 g/kg
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	Balance

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes

Inhalation: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor

Ingestion: For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Rinse mouth out with water and give plenty of water to drink.

First aid facilities: Eye wash facilities should be available.

4.2 Most important symptoms and effects, both acute and delayed.

See Section 11 for more detailed information on health effects and symptoms.

4.3 Immediate medical attention and special treatment needed.

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

5.2 Special hazards arising from the substance or mixture

Non flammable. May evolve toxic gases if strongly heated.

5.3 Advice for firefighters

Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

5.4 Hazchem code

2Z

2 Fine Water Spray.

Z Wear full fire kit and breathing apparatus. Contain spill and run-off

6 ACCIDENTAL RELEASE MEASURES

• **6.1 Personal precautions, protective equipment and emergency procedures**

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

6.2 Environmental precautions

Prevent product from entering drains and waterways.

6.3 Methods of cleaning up

Moisten with water to prevent a dust hazard and place in sealable containers for disposal.

6.4 Reference to other sections

See Sections 8 and 13 for exposure controls and disposal

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Ob□

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs.

7.3 Specific end use(s)

No information provided.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1: Control parameters

Exposure standards

Not Applicable.

Biological limits

No biological limit values have been entered for this product.

8.2 Exposure Controls

Engineering controls: Avoid inhalation. Use in well-ventilated areas. Maintain dust levels below the recommended exposure standard.

8.3 PPE

Eye / Face: Wear dust-proof goggles

Hands: Wear PVC or rubber gloves

Body: When using large quantities or where heavy contamination is likely, wear coveralls.

Respiratory: Where an inhalation risk exists, wear a Class P1 (Particulate) respirator.



9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Blue / green granulated
Odour	No odour / not applicable
Flammability	NON FLAMMABLE
Flash point	None
Boiling point	NOT RELEVANT
Melting point	NOT RELEVANT
Evaporation rate	NOT RELEVANT
pH	NOT RELEVANT
Vapour density	NOT RELEVANT.
Specific gravity	NOT RELEVANT
Solubility (water)	INSOLUBLE
Vapour pressure	NOT RELEVANT
Upper explosion limit	NOT RELEVANT
Lower explosion limit	NOT RELEVANT
Partition coefficient	NOT AVAILABLE

9.1 Information on basic physical and chemical properties

Autoignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE
Odour threshold	NOT AVAILABLE

10 STABILITY AND REACTIVITY

10.1 Reactivity

Carefully review all information provided in sections 10.2 to 10.6.

10.2 Chemical stability

Stable under recommended conditions of storage.

10.3 Possibility of hazardous reactions

Polymerization is not expected to occur.

10.4 Conditions to avoid

Avoid heat, sparks, open flames and other ignition sources.

10.5 Incompatible materials

Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid) and alkalis (e.g. sodium hydroxide).

10.6 Hazardous decomposition products

May evolve toxic gasses if heated to decomposition.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity: This product is expected to be of low acute toxicity. Under normal conditions of use, adverse effects are not anticipated.

Ecotoxicity Data: Non available.

SAFETY DATA SHEET

Skin	Not classified as a skin irritant. Contact may result in mechanical irritation.
Eye	Not classified as an eye irritant. Contact may result in mechanical irritation.
Sensitisation	Not classified as causing skin or respiratory sensitisation.
Mutagenicity	No evidence of mutagenic effects.
Carcinogenicity	Not classified as a carcinogen.
Reproductive:	No relevant or reliable studies identified.

STOT – single exposure: Not classified as causing organ damage from single exposure.

STOT – repeated exposure: This product contains crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to this product. However, if granules are pulverized or crushed into a fine, respirable powder, silica exposure via inhalation is probable. Repeated overexposure to crystalline silica for extended periods has caused acute silicosis.

Aspiration Spray mists may be irritating.

12 ECOLOGICAL INFORMATION

12.1 Toxicity

No information provided.

12.2 Persistence and degradability

No information provided.

12.3 Bioaccumulative potential

No information provided

12.4 Mobility in soil

No information provided

12.5 Other adverse effects

No information provided.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Waste disposal For small amounts, cover with moist sand or similar, collect and dispose of to an approved landfill site. Avoid generating dust. Contact the manufacturer/supplier for additional information (if required).

Disposal of uncleaned packages Do not reuse this container. Never place unused product down any indoor or outdoor drain. Dispose of container and unused contents in accordance with federal, state and local requirements

Legislation Dispose of in accordance with relevant local legislation.

SAFETY DATA SHEET

14 TRANSPORT INFORMATION

NOT CLASSIFIED AS DANGEROUS GOODS BY CRITERIA OF THE ADG CODE. ** SEE OTHER INFORMATION BELOW FOR SPECIAL PROVISION **



	LAND TRANSPORT (ADG) **SEE OTHER INFORMATION BELOW **	SEA TRANSPORT (IMDG / IM)	AIR TRANSPORT (IATA / ICAO)
14.1 UN Number	N/A	3077	N/A
14.2 Proper Shipping Name	N/A	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.	N/A
14.3 Transport hazard class	N/A	9	N/A
14.4 Packing	N/A	III	N/A

14.5 Environmental hazards

Marine Pollutant

14.6 Special precautions for user

Hazchem code: 2Z

GTEPG: 9C1

EmS: F-A, S-F

OTHER INFORMATION: The environmentally hazardous substance mark is not required when transported in packages less than 500 kg/L by Australian Road and Rail. (UN Model Regulations: Special Provision 375; IATA: Special Provision A197; IMDG: Special Provision 969)

15 REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Poison schedule	Poison Schedule 6 – as per the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
APVMA Number(s)	54439
Classifications	Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals. The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].
Inventory listing(s)	AUSTRALIA: AICS (Australian Inventory of Chemical Substances) All components are listed on AICS or are exempt.

16 OTHER INFORMATION

Additional information

RESPIRATORS: In general, the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

SYNERGISM - ANTAGONISM: Ingredients in this product may act together to aggravate or reduce adverse effects. Accordingly, the time weighted average concentration (TWA) provided for single ingredients should be considered as a guide only and all due care exercised when handling.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

This Safety Data Sheet has been developed according to the Worksafe Australia Codes of Practice.

Hazard and precautionary statements according to classification under GHS (Globally Harmonised System) of Classification and Labelling.

The information contained herein is given in good faith however and is considered to be accurate at the specified issue date. No warranty expressed or implied is made to the accuracy or completeness of the data and information contained herein. No person, other than an authorised representative of David Gray & Company Pty Ltd, has the authority to make any alterations to this SDS.

Contact David Gray & Co Pty Limited for further product information on (08) 9337 4933 during normal business hours.

[End of SDS]