

COPPOX[®] WP

MATERIAL SAFETY DATA SHEET



PRODUCT NAME:	Coppox [®]
Other Names:	None
Product Code:	None
UN Number:	None allocated
Dangerous Goods Class:	None allocated
Hazchem Code:	None allocated
Packing Group:	None allocated
EPG:	None allocated
Sub Risk Class:	None allocated
Poisons Schedule:	S6

Active Ingredient:	Copper (Cu) present as Copper Oxychloride.
Use:	Fungicide.
Physical Description:	Light green, odourless, non-flammable, fine powder.
Solubility:	Dispersable in water
Specific Gravity:	No data
Bulk Density:	0.7 to 0.8kg / Litre
Flash Point:	Does not burn
Melting / Softening Point:	Decomposes before melting
Boiling Point & Vapour Pressure:	Not applicable
Corrosiveness:	Not corrosive
Flammability:	Non-flammable

HEALTH HAZARD DATA & FIRST AID INFORMATION

No specific data is available for the product, for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995).

If poisoning occurs, contact a Doctor or the Poisons Information Centre.

INGESTION:

The ingestion of a large quantity of copper oxychloride is followed by: nausea, vomiting, a metallic taste, and a burning sensation in the oesophagus & stomach.

No first aid measures are normally required in the event of inhalation however, if vapours of dusts have been inhaled (and irritation has developed), remove to fresh air and observe until recovered. If irritation persists more than about 30 minutes, seek medical advice.

Note to Physicians: Chelating agents such as penicillamine or sodium calciumedetate should be given. Pethidine may be given to relieve pain if necessary.

SKIN CONTACT:

This product may irritate the skin however, it is unlikely to cause more than minor discomfort or effects such as itchiness or slight skin reddening.

If contact with the skin occurs, remove contaminated clothing & wash affected area with soap and water. If irritation persists, seek medical attention.

EYE CONTACT:

This product is mildly irritating to the eyes. It is likely to cause mild discomfort such as watering and redness of the eyes. However, this should quickly disappear once exposure is over.

If exposure occurs, flush the eyes with fresh water for 15 minutes. If they begin watering or reddening, take special care in washing thoroughly.

INHALATION:

Data suggests that this product should present no significant problems to typical persons if used as intended. LD₅₀ Oral (Rat) = 1,440mg/kg (technical grade active ingredient).

If inhalation occurs, move person into the fresh air.

ADVICE TO DOCTOR:

Treat symptomatically. Note the nature of this product.

PRECAUTIONS FOR USE

A time weighted average (TWA) concentration for an 8-hour day, and 5-day week has not been established by Worksafe Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m³ for dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use.

VENTILATION:

When mixing spray, make sure the area is well ventilated.

RESPIRATORY PROTECTION:

It is usually safe to not use a dust mask or respiratory protection, on account of this product. However, if the product is being used in dusty or confined conditions, use of a mask or respirator may be preferred.

PROTECTIVE GLOVES:

Impermeable protective gloves should be worn when you are using the product, to prevent irritation.

EYE PROTECTION:

Protective eyewear is suggested to avoid contact (with the eyes).

CLOTHING:

This product is essentially safe to use without special protective clothing. However, the use of protective clothing (long-sleeved shirt and trousers) is recommended as good industrial practice.

SAFETY BOOTS:

Wearing safety boots in industrial situations is advisory.

OTHER INFORMATION:

- Incompatible with strong acids or bases.
- After use & before eating, drinking & smoking – wash arms and face thoroughly with soap & water.
- Wash contaminated clothing each day after use.

SAFE HANDLING INFORMATION

STORAGE & TRANSPORT:

Store in a dry and well-ventilated area under lock & key. Avoid overheating & do not store for long periods in direct sunlight.

Shelf life is 2 years.

Moisture or heat may cause decomposition.

SPILLAGE:

Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. As a minimum, wear overalls, goggles and gloves. Stop leak if safe to do so, and contain the spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area preventing run-off from entering drains. If a significant quantity of material enters drains, advise emergency services. Dispose of only in accord with all regulations.

FIRE & EXPLOSION HAZARD:

Flashpoint:	Does not burn
Flammability Limits:	Not applicable. This product does not burn.
	Extinguishing Media: This product does not burn. Use extinguishing media suited to the materials that are burning.
Special Fire-fighting Procedures:	When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls gloves, hat, goggles & respirator. All skin areas should be covered.
Usual Fire & Explosion Hazards:	This product is unlikely to decompose at temperatures normally achieved in a fire.
Stability:	This product is unlikely to spontaneously decompose.
Polymerisation:	This product is unlikely to spontaneously polymerise.
	Decomposition Products: (No decomposition products are expected at temperatures normally achieved in a fire.) Chlorides, oxides of copper
Materials to Avoid:	Strong acids & strong bases.

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15 January 2010

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