

Material Safety Data Sheet

Product Name: FULL BLOOM FLOWER ENHANCER

Sevroc Pty.Ltd

ACN: 079 255 880

Address: 51 Burlington Street Naval Base 6166

Telephone: 0403 249 414

Emergency: 1800 033 111

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

TRADE NAME: FULL BLOOM FLOWER ENHANCER

OTHER NAMES: Chlormequat Chloride; (2-chloroethyl) trimethylammonium chloride

USE: Plant Growth regulator for use in grapes

MANUFACTURE'S NAME / ADDRESS	U.N NUMBER:	NOT APPLICABLE
Sevroc Pty.Ltd	DANGEROUS GOODS CLASS:	NOT APPLICABLE
AKSDGL	SUBSIDIARY RISK:	NOT APPLICABLE
SDHGDG	HAZCHEM CODE:	NOT APPLICABLE
SAGDJ	POISONS SCHEDULE:	6
	PACKAGING GROUP:	III
	EPG:	NOT APPLICABLE

PHYSICAL DESCRIPTION / PROPERTIES

APPEARANCE AND ODOUR: Colourless to pale Blue liquid with slight fishy odour

BOILING POINT (deg.C): 100 **DENSITY:** 1.02g/L

VAPOUR PRESSURE: NOT APPLICABLE **MELTING POINT:** NOT APPLICABLE

SOLUBILITY (WATER): Complete **EVAPORATION RATE:** NOT APPLICABLE

FIRE / EXPLOSION HAZARD **PERCENTAGE VOLATILES:** 90

FLASH POINT (deg.C) >86 **AUTOIGNITION (deg.C):** NOT APPLICABLE

LEL: NOT APPLICABLE **UEL:** NOT APPLICABLE

Material Safety Data Sheet

INGREDIENTS

INGREDIENTS:

	PROPORTION (%W/V)	CAS No.
Chlormequat Chloride	15.2	991-81-5
Inerts	1.70	
Stenching agent	0.30	
Water	90.70	

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

ACUTE EFFECTS

No adverse health effects are expected if the product is handled in accordance with this MSDS and the product label.

SWALLOWED

Moderately toxic

EYE

Slight irritant

SKIN

Slightly irritant

INHALED

Slightly toxic

CHRONIC EFFECTS

Chronic feeding studies on animals do not indicate any cumulative toxicity and show that the compound is neither a carcinogen nor teratogen.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 13 11 26 Australia-wide

SWALLOWED

May be poisonous if swallowed. If poisoning occurs, contact a doctor or Poisons Information Centre. Telephone 13 11 26 Australia-wide

EYE

If in eyes, flush with plenty of water.

SKIN

Remove contaminated clothing and wash skin thoroughly with soap and water.

Material Safety Data Sheet

INHALED

Remove to fresh air.

ADVISE TO DOCTOR

Chlormequat Chloride is a weak ganglionic stimulant with action similar to that of nicotine. An effective antidote has not been established.

Based upon animal studies, atropine is definitely contra-indicated as it may act synergistically with this choline derivative once poisoning has taken place.

TOXICITY

Acute toxicity	Rats orally	>2.5ml / Kg
	Rabbits dermal	1.93ml/Kg

PRECAUTIONS FOR USE

EXPOSURE LIMITS

Not available

ENGINEERING CONTROLS

In formulation, wear rubber gloves and splash goggles to prevent exposure to skin and eyes

Wash thoroughly with soap and water after handling.

Remove contaminated clothing, launder before re-use.

PERSONAL PROTECTION

For end users, avoid contact with skin and eyes. Wash hands after use.

FLAMMABILITY

Not flammable

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

SPILLS AND DISPOSALS

Cover with an inert absorbent material; sweep up and place in a closed container for disposal in an approved disposal site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should NOT be burnt.

Material Safety Data Sheet

FIRE / EXPLOSION HAZARD

Combustion may produce carbon monoxide, carbon dioxide and hydrogen chloride.

Fire Extinguishing Media:

Extinguish using an agent suitable for the surrounding fire. The material itself does not burn or burns with difficulty. Use Water, foam, dry chemical or carbon dioxide.

Fire Control Tactics:

Conduct fire fighting rescue operations from upwind of the fire area. Avoid bodily contact with the material. Do NOT Handle broken package without proper protective equipment. Wear self-contained, positive pressure breathing apparatus And full fire fighting protective clothing. Keep unnecessary people away. Isolate hazard area and deny entry. Wash away any material from exposed skin with copious amounts of soap and water. Control run off water. If water enters drainage system, advise the authority downstream.

OTHER INFORMATION

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate dams, rivers, drains or streams with chemical or the used container.

DISCLAIMER

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how To safely handle and use the product in the workplace. It should read taking into account how the product is handled in your particular situation and how it is used in conjunction with other products.

CONTACT POINT:	SEVROC Pty.Ltd.
EMERGENCY:	1800 033 111
TELEPHONE:	0403 249 414
DATE OF ISSUE:	21 st April, 2004
REVISED:	16 th October, 2009
