



DAVID GRAY & CO PTY LIMITED

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Date of Issue: May 2017

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MATERIAL SAFETY DATA SHEET

IDENTIFICATION

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

PRODUCT NAME: David Grays Crabgrass & Clover Killer

OTHER NAME: None Available

MANUFACTURERS CODE: 12145 (200ml), 12346 (500ml)

PROPER SHIPPING NAME (ADG Code): None allocated

UN NUMBER: None allocated

DANGEROUS GOODS CLASS: None allocated

SUBSIDIARY-RISK: None allocated

PACKAGING GROUP: None allocated

HAZCHEM CODE: 3XE

POISONS SCHEDULE: S6 – Poison

USE: The control of Crab Grass, Paspalum, Mullumbimby Couch, Nutgrass, Clover and other weeds in domestic lawns.

PHYSICAL DESCRIPTION / PROPERTIES

APPEARANCE: Slightly hazy, brown, odourless liquid.

MELTING POINT: Not determined for mixture

BOILING POINT: Approx 100°C

VAPOUR PRESSURE: Not determined for mixture, water 760mmHg @ 100°C

SPECIFIC GRAVITY: 1.069

FLASH POINT: Non-flammable

FLAMMABILITY LIMITS: Non-flammable

SOLUBILITY IN WATER: Miscible in water

CORROSIVENESS: Slightly corrosive to aluminium and zinc

OTHER PROPERTIES:

INGREDIENTS

CHEMICAL NAME	CAS.NO.	PROPORTION
Disodium methylarsonate	144-21-8	74g/L
MCPA present as the sodium salt	203-46-5	24g/L
Water	7731-18-5	>60%
Other ingredients determined to be non-hazardous		<10%

HEALTH HAZARD INFORMATION

HEALTH EFFECTS

HAZARD CLASSIFICATION (In accordance with criteria of Worksafe Australia):

Xn - Harmful

RISK PHRASES:

R20/22 – Harmful by inhalation and if swallowed

SAFETY PHRASES:

S1/2 – keep locked and out of the reach of children

S20/21 – When using do not eat drink or smoke

S28 – After contact with skin, wash immediately with plenty of water

S44 – If you feel unwell, contact a doctor or Poisons Information Centre immediately

ACUTE

SWALLOWED:

Product is moderately toxic if ingested.

Oral LD50 young albino rat - 1800mg/kg DSMA
- 700mg/kg MCPA

EYE:

Will irritate the eyes.

SKIN:

Contact with the skin may result in mild irritation.

Dermal LD50 rat - >1000mg/kg

INHALED:

May be harmful if inhaled.

FIRST AID

GENERAL:

In every case of suspected poisoning contact a doctor or a Poisons Information Centre immediately.

SWALLOWED:

If swallowed and more than 15 minutes from hospital, induce vomiting preferably using Ipecac Syrup APF.

EYE:

Hold eyelids open and immediately flush with plenty of water for at least 15 minutes.

SKIN:

Remove contaminated clothing and wash affected are with soap and water.

INHALED:

Remove victim to a well ventilated area. Seek medical attention immediately.

FIRST AID FACILITIES:

Ipecac Syrup APF, soap, water.

ADVICE TO DOCTOR:

Treat symptomatically.

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

No occupational exposure standards have been established for this product or its ingredients by Worksafe.

ENGINEERING CONTROLS:

Use only in a well ventilated area.

PERSONAL PROTECTION:

When preparing and using spray wear goggles, rubber gloves, cotton overalls buttoned to the neck and wrists and a washable hat. To reduce the risk of inhaling spray mist the use of a mist respirator is recommended.

FLAMMABILITY:

Not flammable

SAFE HANDLING INFORMATION

STORAGE

Store in the closed container in a cool dry place out of the reach of children and out of direct sunlight.

TRANSPORT

Product is not classified as a dangerous good in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail.

SPILLAGE

If spilt, adsorb spilt material with sand or other inert absorbant, sweep up, contain and dispose in accordance with local regulations.

DISPOSAL

Disposal of contaminated material must be done in accordance with State and/or Local regulations.

Triple rinse containers with water and add rinsings to tank mix. Dispose of empty container by wrapping in paper,

placing in plastic bag and putting in garbage. Do not burn empty containers or product. Do not allow chemical containers, spray or washings to contaminate drains, sewers, streams, ponds or any waterway.

FIRE/EXPLOSION HAZARD

Not flammable or explosive

FIRE FIGHTING EQUIPMENT:

Extinguish fire using water, carbon dioxide fog, foam or dry agent. Full protective clothing including a breathing apparatus must be worn.

OTHER INFORMATION

CONTACT POINT

TITLE: Technical Department

TELEPHONE NUMBER: (08) 9337 4933

AUTHORISED: **Technical Manager**

DATE: **13.05.2017**

NOTICE:

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

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 MSDS.

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