

# Agspray

## Material Safety Data Sheet

### 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Product name:** AGSPRAY DSMA 500 HERBICIDE

**Supplier:** AGSPRAY CHEMICAL COMPANY PTY. LTD.

**ACN:** 005 329 573

**Address:** 2 Boronia Drive  
Glen Waverley  
Vic. 3150

**Telephone:** (03) 9803 3370

**Fax:** (03) 9802 6288

**Emergency Telephone No. (24 Hours):** 1 800 033 111

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Recommended Use:** Post Emergence Herbicide

**Appearance:** Off white with no specific odour

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Proportion</u>
Disodium methyl arsonate	144-21-8	500g/kg
Surfactant		medium content
Inert Material		450g/kg

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**Hazard Category:** Xn Harmful

#### Immediate Concerns:

- Causes Eye Irritation
- Avoid Contact with Eyes or Clothing
- Wash Thoroughly with Soap and Water after Handling
- Keep Out of Reach of Children

#### POTENTIAL HEALTH EFFECTS

**Eyes:** Eye contact may cause discomfort, tearing, swelling, redness and blurred vision.

**Skin:** Skin contact may cause irritation.

**Ingestion:** Harmful if swallowed

**Poisons Schedule:** S7

Not classified as Dangerous Goods by criteria of the Australian Dangerous Goods Code for Transport by Road or Rail.

#### 4. FIRST AID MEASURES

- Eyes:** Irrigate with copious quantities of water for 15 minutes. Seek medical attention if Irritation persists.
- Skin:** Wash contaminated skin with soap and plenty of water. Removed contaminated clothing and wash before re-use.
- Ingestion:** Rinse mouth with water. Give plenty of water to drink. If more than 15 minutes from hospital induce vomiting using Ipecac Syrup APF. Seek immediate medical assistance.
- Inhalation:** If respiratory discomfort or irritation occurs, move person to fresh air. Seek medical assistance if discomfort or irritation persists.

**Emergency Telephone No. 1 800 033 111**

#### 5. FIRE FIGHTING MEASURES

- Specific Hazards:** Non combustible
- Suitable Extinguishing Media:** Fine water spray, foam , CO<sub>2</sub> or Dry Chemical.
- Fire Fighting Further Advice:** Not combustible. Decomposes on heating emitting toxic fumes including arsine gas. Fire fighters to wear self contained breathing apparatus if risk of exposure to vapour or products of decomposition.

#### 6. ACCIDENTAL RELEASE MEASURES

- Spills:** Wear protective equipment to prevent eye and skin contamination and inhalation of dust. Collect and seal material in properly labelled containers for disposal. Wash area down with detergent and plenty water. If contamination of crops or waterways has occurred advise emergency services or State Department of Agriculture.

#### 7. HANDLING AND STORAGE

Store product only in the closed original container in a secured well ventilated storage area as cool as possible. Keep away from children, animals, food, feedstuffs, seed and fertilisers. Do not store in direct sunlight for prolonged periods. Product must be stored, maintained and used in accordance with relevant regulations for Scheduled Poison S7.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Measures:** Use in well ventilated area.
- Personal Protection:** When handling product, wear safety glasses, protective gloves and approved S.A.A. 1716 dust mask.  
Wash hands and contaminated skin thoroughly after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Powder
<b>Odour:</b>	Non specific
<b>Colour:</b>	Off white
<b>Solubility in Water:</b>	60g in 100g at 25 <sup>o</sup> C
<b>pH:</b>	9,5 - 11.0
<b>Melting Point:</b>	132 <sup>o</sup> – 139 <sup>o</sup> C
<b>Flammability:</b>	Non Flammable

## 10. STABILITY AND REACTIVITY

Reacts with strong oxidising and reducing agents

## 11. TOXICOLOGICAL INFORMATION

### Acute:

<b>Eyes:</b>	Rabbit - moderately
<b>Dermal LD<sub>50</sub>:</b>	Rabbit - mild irritant
<b>Oral LD<sub>50</sub>:</b>	Rat > 2000mg/kg
<b>Inhalation LC<sub>50</sub>:</b>	Rat – 4 hour inhalation exposure > 22 mg/litre

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

DSMA is metabolised by soil bacteria to methylarsine, arsenate and methylarsonate (half life in soil is 55 days).

## 13. DISPOSAL CONSIDERATIONS

Do not dispose of undiluted chemicals on-site. Bury carton and plastic liner in a local authority landfill. If not available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

## 14. TRANSPORT INFORMATION

Not Classified as Dangerous Goods by the Australian Dangerous Goods Code for transport by road or rail.

## 15. REGULATORY INFORMATION

Poisons Schedule: S7