

## MATERIAL SAFETY DATA SHEET

### Statement of Hazardous Nature:

Not hazardous according to criteria of Worksafe Australia

**Company:** Kenso Corporation (M) Sdn Bhd  
**Address:** H / 177 Old Cleveland Road, Coorparoo  
Queensland 4151  
**Telephone Number:** (07) 3847 4288  
**Facsimile Number:** (07) 3847 4188  
**Emergency Telephone Number:** 000 (Police or Fire Brigade)  
**131126 (Poisons Information Centre)**

## IDENTIFICATION

**Product Name:** Ken-Met 600 Water Dispersible Granules  
**Other names:** None  
**UN Number:** Not regulated  
**Hazchem Code:** Not regulated  
**Dangerous Goods Class:** None  
**Poison Schedule:** S5  
**Manufacturer's Product Code:** None  
**Use:** Herbicide

### Physical Description/Properties

**Form:** Granules  
**Colour:** Off White  
**Odour:** None  
**Melting point (°C):** Not available  
**Boiling point (°C):** Not applicable  
**Bulk Density:** 1.58 ± 0.01  
**Vapour Pressure:** Not applicable  
**Flashpoint:** Not applicable

### Other Properties

**Chemical group:** sulfonylurea

### Ingredients

Chemical entity	CAS number	Proportion
Metsulfuron methyl	74223-64-6	60% w/w
Inert ingredients		40%

## HEALTH HAZARD INFORMATION

**Health Effects** No LD<sub>50</sub> information is available for this product.

**Acute:**

- Swallowed:** Low toxicity.
- Eye:** May cause eye irritation with tearing, blurred vision or pain.
- Skin:** Low toxicity through this route.  
 Repeated dermal contact with metsulfuron methyl may cause skin irritation with itching, burning, redness, swelling or rash. Not a primary skin irritant or sensitiser.
- Inhaled:** Low toxicity through this route.  
 May irritate throat.

**Chronic:**

None available for formulated product. Animal testing with the technical indicated that there is no carcinogenic, developmental or reproductive effects. There is a report indicating that metsulfuron methyl produced genetic damage in a mammalian cell culture test, however, other tests with metsulfuron methyl in bacterial and mammalian cell cultures and in animals did not produce genetic damage. The weight of evidence suggests that metsulfuron methyl does not cause genetic damage. Long term administration to animals caused body weight loss.

**First Aid**

Swallowed:	The product is not likely to be hazardous by ingestion. Seek medical attention if necessary.
Skin:	Wash contaminated skin with plenty of water. Remove contaminated clothing and wash before re-use.
Eyes:	Immediately irrigate with plenty of water for at least 15 minutes. Seek medical attention.
Inhaled:	Remove person to fresh air and keep at rest until fully recovered.

**Advice to Doctor**

No specific requirements. Treat symptomatically.

**PRECAUTIONS FOR USE**

**Exposure Standards**

None established for formulated product.

Ingredient	TWA mg/m <sup>3</sup>
Metsulfuron methyl AEL (Du Pont) Worksafe	10 mg/m <sup>3</sup> (8 and 12 hour TWA) 10 mg/m <sup>3</sup> ; dusts not otherwise classified

**Engineering Control**

Use only with adequate ventilation.

**Personal Protective Measures**

May irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

**Flammability**

Fine dust dispersed in air (particularly in confined spaces) may ignite if exposed to high temperature ignition source.

## SAFE HANDLING INFORMATION

### Storage and Transport

Keep container tightly closed. Store in a cool, well-ventilated area away from foodstuffs.

### This product is not a dangerous good

### Dangerous Goods / Hazardous Substances Regulation

This product is subject to the following regulations:

- Australia Code for the Transport of Dangerous Goods by Road and Rail
- State/Territory Storage of Dangerous Goods Regulations
- State/Territory Hazard Substances Regulations
- Standard for the Uniform Scheduling of Drugs and Poisons

### Spills and Disposal

Pick up bulk material by sweeping or other effective means and place into drums. Do not flush with water. If spill area is on ground near trees or other valuable plants, remove top 15cm of soil after initial cleanup. Should product contact soil, apply activated charcoal. Activated charcoal will absorb but not completely neutralise the product. Cleanup crew should wear rubber gloves and protective clothing.

### Disposal

(1) After intended use:

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on 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.

(2) After spill or accident

Pick up bulk material by sweeping or other effective means and place into drums. Do not flush with water. If spill area is on ground near trees or other valuable plants, remove top 15cm of soil after initial cleanup. Should product contact soil, apply activated charcoal. Activated charcoal will absorb but not completely neutralise the product. Cleanup crew should wear rubber gloves and protective clothing. Dispose of sealed containers at approved local waste disposal site.

### Fire/Explosion Hazards

#### Dangerous decomposition or Combustion Products

#### Thermal decomposition

Not a fire or explosion hazard. Extinguish fire with foam, water spray, dry powder, carbon dioxide (CO<sub>2</sub>). On small fires, if area is heavily exposed to fire and if conditions permit let fire burn itself out since water may increase the contamination hazard. Fine dust dispersed in air (particularly in confined spaces) may ignite if exposed to high temperature ignition source.

#### Hazardous decomposition products

None known

#### Hazardous reactions

None known

#### Extinguishing Media

Extinguish fire with foam, dry powder, carbon dioxide or water spray.

## OTHER INFORMATION

**Toxicity Data:** (metsulfuron methyl)

Acute oral LD<sub>50</sub> (rats): > 5000 mg/kg

Acute dermal toxicity > 2000 mg/kg

LC<sub>50</sub> (96 h) Bluegill sunfish > 150 mg/L

LD<sub>50</sub> (mallard duck) > 2510 mg/kg

8 day oral LC<sub>50</sub> (bobwhite quail) > 5620 mg/kg

**CONTACT POINT:**

Police and Fire Brigade:

Dial

000

**National Poisons Information Centre:**

**Dial**

**13 1126 (from anywhere in Australia)**

For 24 hour emergency response:

Dial

0439 933 556

Ask for Murray Goodlich