MATERIAL SAFETY DATA SHEET

This revision issued: March, 2004

Section 1 – Identification of Chemical Product and Company

Sipcam Pacific Australia Pty. Ltd.
A.C.N. 073 176 888
Suite 11
23 – 31 Gheringhap Street
Geelong, Victoria, 3220

Substance: Sulfometuron methyl ester
Trade Name: **Eject Herbicide**
Product Use: Agricultural & Industrial Herbicide to be used as directed on label.
Creation Date: November 1999
Revision Date: **March 2004**

Section 2 – Hazards Identification

Statement of Hazardous Nature
Not classified as hazardous according to the criteria of WorkSafe Australia.

Risk Phrases: None Allocated

Safety Phrases: None Allocated

SUSDP Classification: S5

ADG Classification: None allocated

UN No: None allocated

Emergency Overview

Physical Description and Colour: Buff to white powder

Odour: Mild odour

Major Health Hazards: 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). Studies have shown that this product does not significantly increase the incidence of sensitisation in test animals and is therefore classed as not-sensitising.

Potential Health Effects

Inhalation: Data suggests that this product should present no significant problems to typical persons in normal use.
LD_{50} Oral (Rat) >5000mg/kg LD_{50} Dermal (Rat) = 2000mg/kg

Skin Contact: This product may be mildly irritating to skin. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.

Eye Contact: This product may be mildly irritating to eyes. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any lasting effects.

Ingestion: Data suggests that this product should present no significant problems to typical persons in normal use.

Carcinogen Status

NOHSC: No significant ingredient is classified as carcinogenic by NOHSC.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 3 – Composition / Information on Ingredients

Ingredients	CAS No	Conc, %	TWA, mg/m^3	STEL, mg/m^3
Sulfometuron methyl ester	74222-97-2	75	not set	not set
Other non hazardous ingredients	secret	to 100	not set	not set

The TWA exposure value is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term "peak "is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

Section 4 – First Aid Measures

General Information:
If poisoning occurs, contact a Doctor or Poisons Information Centre. Phone 13 1126 from anywhere in Australia.

Inhalation: No first aid measures normally required. However, if vapours or dusts have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

Skin Contact: If product gets on skin, wash skin to remove material. No further measures should normally be required.

Eye Contact: If product gets in eyes, wash eyes to remove material. No further measures should normally be required.

Ingestion: Data suggests that this product should present no significant problems to typical persons in normal use.

Section 5 – Fire Fighting Measures

Fire & Explosion Hazard: There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

Extinguishing Media: carbon dioxide, dry chemical, foam, water fog.

Special Fire Fighting procedures: Immediately evacuate the area of unnecessary personnel. When fighting fires involving significant quantities of this product, wear safety boots, non-flammable overalls, gloves, hat, goggles and respirator. All skin areas should be covered.

Flashpoint: Not flammable.

Flammability limits: Not applicable. This product is not flammable.

Unusual Fire & Explosion Hazards: Fire decomposition products from this product may form toxic and corrosive mixtures in confined spaces. This product may form flammable or explosive dust clouds in air.

Stability: This product is unlikely to spontaneously decompose.

Section 6 – Accidental Release 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 spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Dispose of only in accord with all regulations.

Section 7 – Handling and Storage

No special storage requirements. This product has no UN classification. This product is a S5 Poison. Observe all relevant regulations regarding sale, transport and storage of this class of product. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid".

Section 8 – Exposure Controls and Person Protection

Exposure Standards: 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/m^3 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.

Engineering Controls: In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, **Protective Gloves**: AS 2161, **Industrial Clothing**: AS2919, **Industrial Eye Protection**: AS1336 and AS/NZS 1337, **Occupational Protective Footwear**: AS/NZS2210.

Respiratory Protection: It is usually safe to not use a dust mask or respirator 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 this product to prevent irritation.

Eye Protection: Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear. Consult AS1336 and AS/NZS 1337 for advice on Industrial Eye Protection.

Clothing: This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice. Consult AS2919 for advice on Industrial Clothing.

Safety Boots: Wearing safety boots in industrial situations is advisory. Consult AS/NZS2210 for advice on Occupational Protective Footwear.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Section 9 – Physical and Chemical Properties

Physical Description and Colour:	Buff to white powder
Odour:	Mild odour
Boiling point:	No data
Vapour pressure:	No data
Melting/softening point:	No Specific data. Solid at normal temperatures. Active ingredient melts at 203-205^{o}C
Volatile materials:	No specific data. Expected to be low at 100°C
Flashpoint:	Not flammable
Specific gravity:	No data
Solubility in water:	Disperses in water
Corrosiveness:	Not corrosive

Section 10 – Stability and Reactivity

Stability:	This product is unlikely to spontaneously decompose.
Polymerisation:	This product is unlikely to spontaneously polymerise.
Decomposition Products:	Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen, and under some circumstances, oxides of nitrogen. Oxides of sulfur (sulfur dioxide is a respiratory hazard). Hydrogen chloride gas, chlorides, and in some circumstances, phosgene which is a toxic gas. Water.
Materials to avoid:	Strong oxidising agents.

Section 11 - Disposal Considerations

Disposal: Instructions concerning the disposal of this product and its containers are given on the product label. These should be carefully followed.

Section 12 - Transport Information

ADG Code: No special transport requirements.

Section 13 - Regulatory Information

AICS: All of the significant ingredients in this formulation are to be found in the public AICS Database.

Section 14 - Other Information

This MSDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail
AICS	Australian Inventory of Chemical Substances
CAS number	Chemical Abstracts Service Registry Number
Hazchem Number	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
NOHSC	National Occupational Health and Safety Commission
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSDP	Standard for the Uniform Scheduling of Drugs & Poisons
UN Number	United Nations Number

CONTACT POINTS		**AUSTRALIA**
Police and Fire Brigade:	**Dial**	**000**
If ineffective:	**Dial**	**1100 (Exchange)**
For emergency response:	**Dial**	**1800 033 111**
National Poisons Information Centre:	**Dial 13 1126 (from anywhere in Australia)**	

Please read all labels carefully before using product.

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. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. The responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

This MSDS is prepared in accord with the NOHSC document “National Code of Practice for the Preparation of Material Safety Data Sheets” 2nd Edition [NOHSC:2011(2003)]

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