



# MATERIAL SAFETY DATA SHEET

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Issued: August 2011

## Section 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **Exit**  
**Non-Ionic Activator-Enhancer**

**Company:** MILLER CHEMICAL & FERTILIZER (AUSTRALIA) PTY LTD.  
**Address:** Level 3 / 141-149 Ifould Street,  
Adelaide, SA, 5000  
**ACN/ABN:** 086 969 628  
**Telephone Number:** 08 8290 9300 **Fax Number:** 08 8290 9350  
**Full Product Name:** Miler Exit Non-Ionic Activator-Enhancer.  
**Other Names:** Exit.  
**Use:** A non-ionic spray adjuvant for improved spreading and wetting of herbicides, defoliants and desiccants.

**DISTRIBUTED BY:** Agspec Australia Pty Ltd  
**Address:** Lot 1 Wandilo Road,  
Mt Gambier, SA, 5291  
**ACN/ABN:** 40 109 573 953  
**Telephone Number:** 0427 490 551 **Fax Number:** 08 8125 6555  
**Emergency Contact:** 0457 733 763

## Section 2. HAZARDS IDENTIFICATION

**Not classified as hazardous according to criteria of ASCC.**  
**Not classified as a Dangerous Good according to the ADG Code**

## Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Ingredients\*:

<i>CHEMICAL</i>	<i>PROPORTION</i>
Emulsifiable Vegetable oils	> 60%% w/w
Other ingredients determined not to be hazardous	Balance

\* The formulation of this product is proprietary information

## Section 4. FIRST AID MEASURES

### FIRST AID

**Ingestion:** Rinse mouth with water. Do NOT induce vomiting.  
**Eye contact:** If in eyes, hold eyes open and wash with water for at least 15 minutes. See a doctor if irritation occurs and persists.  
**Skin contact:** If skin contact occurs, remove contaminated clothing and wash skin with soap and water.

#### **Section 4. FIRST AID MEASURES (Continued)**

**Inhalation:** Remove to fresh air.

**Advice to Doctor:** Treat symptomatically.

#### **Section 5. FIRE FIGHTING MEASURES**

**Extinguishing media:** This product is a COMBUSTIBLE LIQUID (C2). Use foam, carbon dioxide, dry chemical or water fog of water spray.

**Hazards from combustion products:** Can emit toxic fumes when heated in a fire.

**Precautions for fire-fighters and special protective equipment:** Isolate fire area. Evacuate downwind residents. Wear full protective clothing and self contained breathing apparatus. Do not breathe smoke or vapours generated.

#### **Section 6. ACCIDENTAL RELEASE MEASURES**

**Emergency procedures / Material and methods for containment and cleanup procedures:** For good hygiene practices, wear protective equipment to prevent skin contamination. In the case of spillage, contain and absorb spilled material with absorbent material such as sand, clay or cat litter and dispose of waste as indicated below.

#### **Section 7. HANDLING AND STORAGE**

**Precautions for safe handling:** Wash hands after use.

**Conditions for safe storage:** Not classified as a Dangerous Good. This product is a not a scheduled poison. Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.

#### **Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines:**

No exposure limits have been established for this product by ASCC.

**Biological Limit Values:**

No biological limit allocated.

**Engineering controls:**

Use in ventilated areas. Keep containers closed when not in use. No special engineering controls are required for normal use.

**Personal Protective equipment (PPE):**

Skin: Use normal hygiene practises when opening the container and using the product, by wearing cotton overalls and rubber gloves. Wash before smoking, eating or using toilet facilities. Wash hands after use.

Respiratory Protection: Generally not required.

#### **Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

**Appearance:** Amber coloured liquid.  
**Odour:** Musty odour.  
**Boiling point:** > 150°.  
**Freezing point:** No data available.  
**Specific Gravity:** 0.91 at 20 °C.



### Section 9. PHYSICAL AND CHEMICAL PROPERTIES (Continued)

<b>Solubility in Water:</b>	Not soluble - forms an emulsion.
<b>pH:</b>	5-8.
<b>Flammability:</b>	Combustible liquid.
<b>Flash point:</b>	> 150°C.
<b>Corrosive hazard:</b>	Not corrosive.
<b>Poisons Schedule:</b>	Not a scheduled poison.

### Section 10. STABILITY AND REACTIVITY

**Chemical Stability:** Product is considered stable.

**Conditions To Avoid:** Avoid exposure to heat and ignition sources.

**Incompatible Materials:** Can react with oxidising agents.

**Hazardous Decomposition Products:** If involved in a fire, it may emit fumes containing toxic compounds such as carbon dioxide.

**Hazardous Reactions:** No special considerations.

### Section 11. TOXICOLOGICAL INFORMATION

#### **Potential Health Effects:**

#### **ACUTE EFFECTS**

Swallowed: Low toxicity. Acute oral LD<sub>50</sub> > 5,000 mg/kg.

Eye: May cause transient eye irritation.

Skin: prolonged or repeated exposure may cause skin irritation.

Inhaled: May be irritating to the respiratory tract. Inhalation of high vapour concentrations may cause headaches and dizziness.

**Long Term Exposure:** No adverse effects known or expected.

### Section 12. ECOLOGICAL INFORMATION

**Environmental Toxicology:** Avoid contamination of waterways, drains or sewers.

**Environmental Fate:** Biodegradable.

### Section 13. DISPOSAL CONSIDERATIONS

**Spills and Disposal:** Persons involved in cleanup should use normal hygiene practises when cleaning up spills - see section 8. Vacuum, shovel or pump waste into an approved drum. Dispose of drummed wastes, including decontamination solution in accordance with the requirements of Local or State Waste Management Authorities.

**Disposal of empty containers:** Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. If recycling container, 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 500 mm 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.



#### **Section 14. TRANSPORT INFORMATION**

This product is not classified as a Dangerous Good. Product is a combustible liquid (C2).

#### **Section 15. REGULATORY INFORMATION**

Under the Standard for Uniform Scheduling of Drugs and Poisons (SUSDP), this product is not a scheduled poison.

This product is registered under the Agricultural and Veterinary Chemicals Code Act 1994. Product Registration No. 56263.

This product is not classified as a Hazardous Substance under the criteria of ASCC.

This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Exit is a registered trademark of Miller Chemical & Fertilizer Corporation - USA.

#### **Section 16. OTHER INFORMATION**

Issue Date: 8 April 2010. (Revised with new address and telephone details).

Key to abbreviations and acronyms used in this MSDS:

ADG Code = Australian Dangerous Goods Code (for the transport of dangerous goods by Road and Rail).

ASCC = Australian Safety & Compensation Council (formally known as the National Occupational Health & Safety Commission (NOHSC)).

NOHSC = National Occupational Health and Safety Commission.

PPE = Personal protective equipment.

References

1. "Search Hazardous Substances". Australian Safety and Compensation Council website. (2008).
2. "Approved Criteria for Classifying Hazardous Substances" 3<sup>rd</sup> Ed. NOHSC Australia. [NOHSC:1008 (2004)]. October 2004.

*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.*

End MSDS

