

MOLYTEC AUSTRALIA, Unit 1, 9 Steel St, Capalaba, QLD Australia, 4157	
Tel. for Information: (07) 3245 2355 Last Updated: February 2011	Fax for Information: (07) 3245 2499 Page 2 of 3
Material Safety Data Sheet	MOLYTEC ADF Aerosol

7. Safe Handling Information

- Storage:**
- Store in original containers in approved flameproof area
 - DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
 - No smoking, naked lights, heat or ignition sources.
 - Keep containers securely sealed. Contents under pressure.
 - Store away from incompatible materials.
 - Store in a cool, dry, well ventilated area in an upright position out of direct sunlight.
 - Avoid storage at temperatures higher than 40°C
 - Protect containers against physical damage and check regularly for leaks.

8. Exposure Control and Personal Protection

- Engineering Controls** Use in well ventilated areas. Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use with local flameproof exhaust ventilation or while wearing organic vapour respirator. Vapour is heavier than air – prevent concentrations in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Explosive gas atmospheres may form, for further information refer to AS 2430.
- Personal Protection**
- Respirator Type** Where ventilation is not adequate, respiratory protection may be required. An approved organic vapour respirator should be used. Respiratory protection should comply with AS/NZS 1715 and AS/NZS 1716
- Eye Protection** Safety glasses or chemical goggles. Failure to do so may result in eye damage if an accident occurs. Consult AS 1336 & AS/NZ 1337 for information about eye protection.
- Glove Type** Available information suggests gloves made of nitriles, viton, neoprene or other similar solvent resistant material. Keep solvent contact to a minimum. For help in selecting suitable gloves consult AS2161
- Clothing** Overalls or similar protective clothing. Consult AS 2919 for advice.
Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.
- Flammability**
- Fire Hazards**
- Heat or damage to containers may release flammable gases
 - Containers will explode when heated – ruptured containers will rocket
 - Released gases may form explosive mixtures with air in confined spaces
 - Released gases may travel to source of ignition and flash back
 - Organic chemicals may form flammable dust clouds in air; will burn if involved in fire
 - Fire may produce irritating, poisonous and/or corrosive gases.

9. Physical and Chemical Properties

- Appearance & Odour:** Grey coloured liquid in aerosol can with characteristic alcohol odour
- Boiling Point:** approx 80°C at 100kPa (Main Solvent)
- Specific Gravity:** Approximately 0.95gl/ml
- Solubility in Water:** Solvent is soluble, other ingredients are not.
- % Volatiles by Vol.** Approximately 70%
- Flash Point:** 28 C Tag Closed Cup

10. Stability and Reactivity

- Vapour is highly flammable
- Severe fire hazard when exposed to heat or flame
- Vapour forms explosive mixture with air
- Vapour may travel considerable distance to source of ignition
- Heating may cause expansion with violent container rupture
- Aerosol cans may explode on exposure to naked flames
- Rupturing containers may rocket and scatter burning materials
- Hazards may not be restricted to pressure effects
- Organic chemicals may form flammable dust clouds in air; will burn if involved in fire
- May emit acrid, poisonous or corrosive fumes
- On combustion, may emit toxic fumes of carbon monoxide (CO)
- Other combustion products include carbon dioxide (CO2)

Conditions to avoid: See "Safe Handling Information" (Section 7).

11. Toxicological Information

Health Effects Main Solvent:

- Swallowed:** Irritant to mouth, throat and digestive tract, resulting in nausea and nervous system depression.
- Eye:** Irritant causing redness, watering and blurred vision.
- Skin:** Mild irritation to skin, but prolonged or repeated exposure may result in dermatitis.
- Inhaled:** Irritating to respiratory tract and mucous membranes. High concentration may cause dizziness to anaesthesia.

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12. Ecological Information

Not Available

13. Disposal Considerations

Recommended method of disposal: Dispose of according to Federal, State and local government regulations.

14. Transport Information

Transportation:

UN 1950
Class 2YE
Special Provisions: 63, 190, 277
ADG 7 specifies a Limited Quantity value of 1000mL for this class of product.
Packaging Method: P003

Incompatible products:

Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with:

- Class 1 explosives
- Class 3 flammable liquids (where both flammable liquids and gases are in bulk)
- Class 4.1 flammable solids
- Class 4.2 spontaneously combustible substances
- Class 4.3 dangerous when wet substances
- Class 5.1 oxidising agents
- Class 5.2 organic peroxides
- Class 7 radioactive substances

15. Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations.

16. Other Information

Users should verify the currency of this data sheet if more than 5 years old. The information contained in this material safety data sheet is believed to be accurate on the date of issue and in accordance with the information available to us. Persons dealing with products referred to in this MSDS do so at their own risk. We accept no liability whatsoever for damage or injury however caused arising from use of this information or of suggestions contained herein.

POLICE AND FIRE BRIGADE:

DIAL 000

For further safety information contact Denis Brown at MOLYTEC AUSTRALIA on:

Tel: (07) 3245 2355 Fax: (07) 3245 2499

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Disclaimer

The information contained within this MSDS applies only to the MOLYTEC product to which the sheet relates. The information provided is based on our best knowledge at the time of issue.

The information contained within this MSDS is believed to be accurate and is given in good faith. However no warranty is made, either express or implied, regarding its accuracy or any liability arising out of the use of the information herein or the products supplied.

When used in other preparations, formulations, or in mixtures, it is necessary to ascertain whether the classification of the hazards has changed. The attention of the user is drawn to the possibility of creating other hazards when the product is used for purposes other than that for which it was recommended. In such cases a reassessment may be necessary and should be made by the user.

This safety data sheet should only be used and reproduced in order that the necessary measures are taken relating to the protection of health and safety at work.

It is the responsibility of the handlers to pass on the totality of the information contained within this document to any subsequent person(s) who will come in to contact with, handle or use this product in any way.

They should check the adequacy of the information provided within this MSDS before passing it on to their customers / staff.

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