



Lic. No. 158

MOMAR

AUSTRALIA PTY LTD

A.C.N. 003 149 111

Quality
thru
Research

Material Safety Data Sheet

QUICK IDENTIFIER (In Plant Common Name)

MIRACLE TOOL (Aerosol)

Momar Australia Pty Ltd
Unit 1, 6 Turbo Road
MARAYONG NSW 2148

Phone: 02 98314311
Fax: 02 98312994
Toll Free: 1800 267933

Contact: Mark Moskow

Date Prepared: 16th January 2003

U.N. Number: 2810

Class: 61B Poison

Hazchem: 2Z

Packaging Group: III

Poisons Schedule: S6

EPG: 6B1

HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

SECTION 1 - IDENTITY

Common Name: (used on label) MIRACLE TOOL (Aerosol)

Chemical Name: Not applicable **Chemical Family:** Lubricating oil/ SolventBlend

Formula: Aerosol penetrant and corrosion retardant.

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s)	CAS No.	% by Weight	Threshold limit value (units)
Kerosine	8008-20-6	80-85	Not established

(LD₅₀ oral rats = 800 mg/m³, LD₅₀ dermal rats = not established, LC₅₀ inhalation rats = not established)

Perchloroethylene	127-18-4	15	(ACGIH-TLV) 50ppm
-------------------	----------	----	-------------------

(LD₅₀ oral rats = 5000 mg/kg, LD₅₀ dermal rabbits = 10,000mg/kg, LC₅₀ inhalation rats = not established)

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point: 250-300°F	Specific Gravity (H₂O=1) 0.900	Vapor Pressure (MM Hg) Not established
Percent Volatile by Volume (%): 85	Vapor Density (Air = 1): Not established	Evaporation Rate (ether =1) Slower
Solubility in Water: Negligible	Reactivity in Water: None	

Appearance and Odour : Clear light amber liquid with petroleum odour

Flash Point	Flammable Limits	Lower	Upper	Extinguisher	Water spray, CO ₂	Auto Ignition
109°F	In Air by Volume	Not est.		Media	alcohol foam, dry chem.	Temperature Not est.

Special Fire Fighting Procedures: Use water spray to keep fire exposed containers cool and to disperse vapors. Water spray may be used to flush spill away from exposures. Firefighters wear self contained breathing apparatus and full protective clothing. Treat as flammable liquid.

Unusual Fire and Explosion Hazards: Aerosol containers pressurised with flammable propellant.

Do not expose containers to temperatures above 120°F or containers may explode.

MIRACLE TOOL (Aerosol)

SECTION 4 - PHYSICAL HAZARDS

Stability Unstable Conditions
Stable to Avoid Heat, sparks, open flame, welding arcs.

Incompatibility

(Materials to avoid) Pressurised aluminium vessel, oxidising agents and strong acids.

Hazardous Decomposition Products : Thermal degradation can result in evolution of HCL and small amounts of phosphene and chlorine.

Hazardous Conditions

Polymerization: Will Not Occur to Avoid None

SECTION 5 - HEALTH HAZARDS

Threshold Limit Value 50 ppm for Perchloroethylene

Signs & Symptoms of Exposure

1. Acute Oversposure: Inhalation or ingestion may produce symptoms of central nervous system depression. Causes eye irritation.

2. Chronic Overexposure: Can cause headache, mental confusion, depression, fatigue, loss of appetite, nausea, vomiting, loss of sense of balance and visual disturbances. Prolonged skin contact may cause dermatitis.

Medical Conditions Generally Aggravated by Exposure: Not Known

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
---	-----------------------------	------------------------------	--	---------------------	------------------------------	--	------	------------------------------	--

OSHA Permissible Exposure Limit	25 ppm	ACGIH Threshold Limit Value	50 ppm	Other Exposure Limit Used	not established
---------------------------------	--------	-----------------------------	--------	---------------------------	-----------------

EMERGENCY AND FIRST AID PROCEDURES

1. Inhalation: Remove from over exposure to fresh air. If not breathing, give mouth to mouth resuscitation. If breathing is difficult or discomfort occurs, obtain medical attention.

2. Eyes: Flush immediately with large amounts of water for at least 15 minutes occasionally lifting lids. Get medical attention.

3. Skin: Wash with soap and water. If irritation persists get medical attention.

4. Ingestion: Do not induce vomiting. Give a glass of water if conscious. Get immediate medical attention.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): Niosh approved vapor respirator if TLV exceeded

Ventilation Sufficient to keep below TLV	Local Exhaust	Adequate	Mechanical (General) Recommended	Special None	Other None
Protective Gloves	Neoprene	Eye Protection	Goggles		

Other Protective Clothing or Equipment: Rubber apron and boots as required.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in Handling and Storage: Do not contact eyes, skin or clothing. Avoid breathing vapors. Wash thoroughly after handling. Do not store near heat, sparks or open flame. Store in cool, well ventilated area.

Other Precautions: Do not puncture or incinerate container. KEEP OUT OF REACH OF CHILDREN.

Steps to be taken in case material is Released or Spilled: In case of spillage, soak up on mineral clay absorbent material. Shovel into DOT container for disposal.

Waste Disposal Methods: Aerosol cans, when vented to atmospheric pressure through normal use,

MIRACLE TOOL (Aerosol)

pose no hazard. Dispose of in accordance with federal, state and local regulations.
