

MAGIC SS-4A AEROSOL

MATERIAL SAFETY DATA SHEET

MSDS No:		QUICK SMART PRODUCTS
Product Name:	MAGIC SS-4A AEROSOL	53 ASSEMBLY DRIVE
Manufacturers Code:	SS-4A	TULLAMARINE VIC 3043
Date:	August 2011	ABN: 40 959 725 049
		(03) 9338 6655 (BH)
		(03) 9336 7945 (AH)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	MAGIC SS-4A AEROSOL
ADG:	AEROSOLS
Supplier:	QUICK SMART PRODUCTS PTY LTD
Address:	53 Assembly Drive Tullamarine Vic 3043
Telephone/Fax:	(03)9338 6655 (BH) Poisons Information Centre 131126 (AH) Fax: (03)9335 2598
Recommended Use:	Metal Lubricant

2. HAZARDS IDENTIFICATION

Statement of Hazardous/Dangerous Nature:	HAZARDOUS SUBSTANCE DANGEROUS GOODS Classified as Hazardous according to the criteria of NOHSC Australia. Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code)
Risk Phrases:	R20 – Harmful by inhalation. R36/38 – Irritating to eyes and skin. R52/53 – Harmful to aquatic organisms may cause long term adverse effects in the aquatic environment.
Safety Phrases:	S23 – Avoid breathing vapours, spray or mists. S24/25 – Avoid contact with skin and eyes. S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 – After contact with skin, wash immediately with plenty of soap and water. S38 – In case of insufficient ventilation, wear suitable respiratory equipment. S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S51 – Use only in well ventilated areas. S61 – Avoid release to the environment. Refer to special instructions/safety data sheet. S63 – In case of accident by inhalation, remove casualty to fresh air and keep at rest.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS No	Concentration
Carbon dioxide propellant	124-38-9	<10
1,2-Dichlorethylene	540-59-0	30 – 60

Other ingredients, determined not to be hazardous subject to the provisions of the Hazardous Substances (identification) Regulations, make up the product concentration to 100%.

4. FIRST AID MEASURES

Eye Contact:	In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes or until all contaminants are washed out completely. Seek medical attention immediately.
Skin Contact:	Remove contaminated clothing and shoes and launder before re-use. Immediately flush skin with plenty of water for at least 15 minutes. Seek medical attention immediately.

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Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.

Ingestion: Do not induce vomiting. Rinse mouth; then give one or two large glasses of water to drink. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26). Never give anything by mouth to an unconscious person. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs.

Notes to Physician: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Use an extinguishing agent suitable for surrounding fires.

Fire/Explosion Hazards: Not flammable. Cool closed containers exposed to fire with water. Bursting aerosol containers may be propelled from a fire at high speed.

Special Protective Equipment for Fire Fighters: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in positive pressure mode.

Hazardous Decomposition Products: These products are carbon oxides (CO, CO₂), halogenated compounds.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Immediately contact emergency personnel. Keep unnecessary personnel away. Use suitable protective equipment (Section 8).

Environmental Precautions: Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

Methods for Cleaning Up: If emergency personnel are unavailable, contain spilt material. For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills dyke spilt material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal. Pressurized container. Do not puncture, pierce or burn empty can.
Note: See Section 8 for personal protective equipment and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact of spilled material and run off with soil and surface waterways. Avoid breathing vapours, spray or mists. Avoid contact with eyes, skin and clothing. Pressurized container. Do not puncture, pierce or burn empty can. Wash thoroughly

Storage: Keep container in a cool, well-ventilated area. Keep away from sunlight and heat sources. Keep away from incompatibles, such as oxidizing materials. Store containers below 40°.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Ingredient Name	Exposure Limits
Carbon dioxide	NOHSC TWA: 9000 mg/m ³ 8 hour(s) TWA: 5000 ppm 8 hour(s) STEL: 54,000 mg/m ³ 15 minutes STEL: 30,000 ppm 15 minutes
1,2-Dichloroethylene	NOHSC TWA: 793 mg/m ³ 8 hour(s). Form: All forms TWA: 200 mg/m ³ 8 hour(s). Form: All forms

Engineering Measures: Local exhaust ventilation should be provided.

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, using the toilet facilities and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Personal Protection

Eyes:	Recommended: Safety glasses.
Hands:	Wear any impervious glove. Recommended: PVC gloves.
Respiratory:	If ventilation is not adequate then organic vapour filter (Type A) is recommended.
Skin:	No special protective clothing is required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid (Aerosol)
Colour:	Colourless
Odour:	Hydrocarbon
Boiling Point:	Not available
Vapour Pressure	Not available
Specific Gravity:	1.1 – 1.3 (Concentrate) (Water =1)
Flash Point:	Does not support combustion
Vapour Density:	Not available
pH:	Not applicable
Solubility:	Immiscible in cold water, hot water.

10. STABILITY AND REACTIVITY

Stability:	The product is stable under normal ambient conditions of temperature and pressure.
Conditions to Avoid:	Avoid sources of heat and direct sunlight.
Materials to Avoid:	Oxidizing material.

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Hazardous Decomposition Products: These products are carbon oxides (CO, CO₂), halogenated compounds.

Hazardous Reactions: No hazardous reactions expected.

11. TOXICOLOGICAL INFORMATION

Potential Acute Health Effects

Inhalation: High vapour concentrations can cause headaches, dizziness, drowsiness and nausea, and may lead to unconsciousness. Harmful by inhalation.

Ingestion: Ingestion can cause nausea, headache and vomiting.

Skin Contact: Irritating to skin.

Eye Contact: Irritating to eyes.

Potential Chronic Health Effects

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Reproductive Toxicity: No known significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Ecotoxicity Data: Not available for this product.

Persistence/Degradability: Not available for this product.

Mobility: Not available for this product.

Environmental Risk Phrases: Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Methods of Disposal: The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

14. TRANSPORT INFORMATION

Regulation	UN Number	Proper Shipping Name	Class	Packing Group	Additional Information
ADG	UN1950	Aerosols	2.2	-	Hazchem Code: - Initial Emergency Response Guide: G49 Emergency Schedules (EmS): F-D, S-U
IMDG	UN1950	Aerosols	2.2	-	

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15. REGULATORY INFORMATION

Australia Inventory Status: All substances are listed on AICS or exempt.

AU Classification: Xn – Harmful
Xi – Irritant
N – Dangerous for the environment.
R20 – Harmful by inhalation.
R36/38 – Irritating to eyes and skin.
R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Standard for the Uniform Scheduling of Drugs and Poisons

Not scheduled.

Control of Scheduled Carcinogenic Substances

Ingredient Name	Substance
No listed substance	

16. OTHER INFORMATION

Contact Person/Point: Technical Information: (03) 9338 6655

Date of Preparation or last revision of MSDS: MSDS created: 8 August 2011

References: ADG Code – Australian Transport of Dangerous Goods
Adopted National Exposure Standard for Atmospheric Contaminants in the Occupational Environment
Approved Criteria for Classifying Hazardous Substances
List of Designated Hazardous Substances
National Code of Practice for the Labelling of Workplace Substances
National Code of Practice for the Preparation of Material Safety Data Sheets
National Model Regulations for the Control of Scheduled Carcinogenic Substances
National Model Regulations for the Control of Workplace Hazardous Substances
Standard for the Uniform Scheduling of Drugs and Poisons

Disclaimer

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF MSDS