

SURE-GAL AEROSOL

MATERIAL SAFETY DATA SHEET

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

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: SURE-GAL AEROSOL
ADG: AEROSOLS
Supplier: QUICK SMART PRODUCTS PTY LTD
Address: 53 Assembly Drive
Tullamarine Vic 3043
Telephone/Fax: (03) 9338 6655 (BH) (03) 9336 7945 (AH) Fax: (03) 9335 2598
Recommended Use: Metal Cleaner

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: R10 – Flammable.
R20 – Harmful by inhalation.
R36/38 – Irritating to eyes and skin.
R65 – Harmful: may cause lung damage if swallowed.

Safety Phrases: S16 – Keep away from sources of ignition – No smoking.
S23(3) – Do not breathe spray.
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 – Wear suitable gloves and eye/face protection.
S62 – If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name	CAS No	Concentration
Dimethyl Ether	115-10-6	10-<30%
Hydrocarbons	-	10-<30%
Toluene	108-88-3	10-<30%
Zinc Salts	-	10-<30%

Other ingredients, determined not to be hazardous according to NOHSC criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

4. FIRST AID MEASURES

Poison Information Centres (131126) in each State Capital City can provide additional assistance for scheduled poisons.

Eye Contact: In case of eye contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Obtain medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Seek medical attention if irritation persists.

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

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Ingestion: Do not induce vomiting. Rinse mouth; then drink one or two large glasses of water. 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: Aspiration hazard if swallowed – can enter lungs and cause damage.

5. FIRE FIGHTING MEASURES

Extinguishing Media: In case of fire, use water spray (fog), foam or dry chemicals.

Specific Hazards: 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.

Hazards from Combustion Products: These products are carbon oxides (CO, CO₂), some metallic oxides.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions: Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8 [Exposure Controls/Personal Protection]). Do not touch or walk through spilled material.

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

Methods and Materials for Containment and Clean Up Procedures: If emergency personnel are unavailable, contain spilled material. For small spills, add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. For large spills dyke spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

Other Information: Note: See Section 8 (Exposure Controls/Personal Protection) for personal protective equipment and section 13 (Disposal Considerations) for waste disposal.

7. HANDLING AND STORAGE

Precaution for Safe Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Conditions for Storage: Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Keep away from incompatibles, such as oxidizing materials.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards:

Ingredient Name	Exposure Limits
Dimethyl Ether	NOHSC (Australia, 7/2003) STEL: 950 mg/m ³ 15 minutes. Form: All forms STEL: 500 ppm 15 minutes. Form: All forms TWA: 760 mg/m ³ 8 hour(s). Form: All forms TWA: 400 ppm 8 hour(s). Form: All forms
Toluene	NOHSC (Australia, 7/2003) STEL: 574 mg/m ³ 15 minutes. Form: All forms STEL: 150 ppm 15 minutes. Form: All forms TWA: 191 mg/m ³ 8 hour(s). Form: All forms TWA: 50 mg/m ³ 8 hour(s). Form: All forms

Engineering Controls: Local exhaust ventilation should be provided.

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and 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:	Safety glasses.
Hands:	Use chemical resistant, impervious gloves. Recommended: Neoprene gloves.
Respiratory:	Disposable particulate mask.
Body:	Suitable protective work wear is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid (Aerosol)
Colour:	Grey
Odour:	Hydrocarbon
Boiling Point:	>35°C
Vapour Pressure:	Not available
Vapour Pressure:	Not available
Specific Gravity:	0.98 (Water = 1)
Flash Point:	23°C (Open cup)
Vapour Density: (Air = 1)	Not available
pH Value:	7 (100%)
Solubility in Water:	Insoluble 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 ignition, heat, open flames or direct sunlight.

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Incompatible Materials: Oxidizing material.

Hazardous Decomposition Products: These products are carbon oxides (CO, CO₂), some metallic oxides.

Hazardous Reactions: No hazardous reactions expected.

11. TOXICOLOGICAL INFORMATION

Potential Acute Health Effects

Inhalation: Harmful by inhalation. Inhalation causes headaches, dizziness, drowsiness and nausea, and may lead to unconsciousness.

Ingestion: Exposure can cause nausea, headache and vomiting. Harmful: may cause lung damage if swallowed.

Skin Contact: Moderately irritating to the skin.

Eye Contact: Moderately 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.

Persistence/ Degradability: Not available.

Mobility: Not available.

Other Adverse Effects: No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste Disposal: Do not puncture or incinerate container. Do not reuse product container. The generation of waste should be avoided or minimised wherever possible. Avoid dispersal of spilled 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. Dispose of via a licensed waste disposal contractor.

14. TRANSPORT INFORMATION

Regulation	UN Number	Proper Shipping Name	Class	Packing Group	Additional Information
ADG	UN1950	Aerosols	2.1	-	Hazchem Code: - Initial Emergency Response Guide: G49 Emergency Schedules (EmS): F-D, S-U
IMDG	UN1950	Aerosols	2.1	-	

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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
No listed substance

Substance

16. OTHER INFORMATION

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

Date of Preparation or last revision of MSDS: MSDS created: 1 May 2011

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 must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF MSDS