

SURE-GAL AEROSOL

SAFETY DATA SHEET

MSDS No: Product Name: Manufacturers Code: Date:	SURE-GAL AEROSOL September 2020	QUICK SMART PRODUCTS 53 ASSEMBLY DRIVE TULLAMARINE VIC 3043 ABN: 40 959 725 049 Ph: (03) 9338 6655 (BH) Fax: (03) 9335 2598 Email: gsmart@bigpond.net.au Web: www.quicksmartproducts.com.au
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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

Hazard Classification	Hazardous according to the criteria of Safe Work Australia
Dangerous Goods Classification	Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code)
GHS Classification(s)	Aerosols: Category 1 Acute Toxicity: Inhalation: Category 4 Acute Toxicity: Skin: Category 4 Skin Corrosion/Irritation: Category 2

GHS Label Elements

Signal Word DANGER

Symbol(s)



Hazard Statements

H222	Extremely flammable aerosol.
H229	Pressurized container: may burst if heated.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.

Precautionary Statements

Prevention

P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe dust/fumes/gas/mist/vapours/spray.
P262	Do not get in eyes, skin or on clothing.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

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Response

P301 + P310
P302 + P352
P304 + P340

IF SWALLOWED: Immediately call a POISON CENTRE/doctor.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351
P308 + P313

IF IN EYES: Rinse cautiously with water for several minutes.

If exposed or concerned: Get medical advice/attention.

Storage

P403 + P233
P410 + P412

Store in a well ventilated place. Keep container tightly closed.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

P501

Dispose of contents/container in accordance with relevant regulations.

Other Hazards which do not result in classification

No information provided.

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.

Description of necessary measures according to routes of exposure

Eye

If in contact with eyes, hold eyelids apart and flush continuously with clean running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes. Obtain medical attention.

Skin

In case of contact with skin, remove contaminated clothing and flush skin with plenty of clean running water (and soap if available) for at least 15 minutes. Seek medical attention if irritation persists.

Inhalation

If inhaled, remove the affected person from further exposure into fresh air. Lay patient down in a well ventilated area. Allow patient to assume most comfortable position and keep warm. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical attention immediately.

Ingestion

Do NOT induce vomiting. Rinse mouth with water. Contact a doctor or a Poisons Information Centre (Phone: 13 11 26). If vomiting appears imminent or occurs, the head should be kept low so that vomit does not enter the lungs.

First Aid Facilities

Eye wash station and safety showers are recommended in the area where the product is used.

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Most Important Symptoms & Effects, Both Acute & Delayed, Caused by Exposure

See Section 11 for more detailed information on health effects and symptoms.

Advice to Doctor Treat symptomatically based on individual reactions of patient and judgement of doctor.
Aspiration hazard if swallowed – can enter lungs and cause damage.

5. FIRE FIGHTING MEASURES

General Measures	Do not enter enclosed or a confined work space without proper protective equipment. Fire fighting personnel should wear respiratory protection (positive pressure if available). Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.
Flammability Conditions	Product is Flammable Aerosols - Category 1 - Extremely Flammable Aerosol
Extinguishing Media	Foam, dry chemical or carbon dioxide. Use water fog to cool intact containers and nearby storage areas.
Specific Hazards	Highly flammable. Aerosol containers may explode when heated above 50°C. 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, CO ₂), some metallic oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Immediately contact emergency personnel. Eliminate all ignition sources if safe to do so. 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.

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7. HANDLING AND STORAGE

Precaution for Safe Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands thoroughly after handling.
Conditions for Safe Storage, including any Incompatibilities	Store in a segregated and approved area. Store containers in a dry, cool (<50°C), well-ventilated area. Keep containers 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. Check regularly for damaged/leaking containers.

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	Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical explosion proof extraction ventilation is recommended. Flammable/explosive vapours may accumulate in poorly ventilated areas. Vapours are heavier than air and may travel some distances to an ignition source and flash back. Maintain vapour levels below the recommended exposure standard.
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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.
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Personal Protection

Eyes	Safety glasses with side shields. Chemical goggles.
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

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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.
Incompatible Materials	Oxidizing material.
Hazardous Decomposition Products	These products are carbon oxides (CO, CO ₂), some metallic oxides.
Hazardous Reactions	No hazardous reactions expected.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Harmful - Irritant. This product has the potential to cause adverse health effects with over exposure. Use safe work practices to avoid eye or skin contact and inhalation. Over exposure may result in liver, kidney and central nervous system (CNS) damage. Deliberate misuse by inhaling contents of this aerosol may be fatal.
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Potential Acute Health Effects

Inhalation	Harmful - Irritant. Over exposure may result in irritation of the nose and throat, coughing, nausea and headache. High level exposure may result in dizziness, drowsiness, breathing difficulties and unconsciousness. Chronic exposure to some solvents may result in liver, kidney and central nervous system (CNS) damage.
Ingestion	Ingestion is considered unlikely due to product form.
Skin Contact	Irritant. Contact may result in drying and defatting of the skin, rash and dermatitis.
Eye Contact	Irritant. Contact may result in irritation, lacrimation, pain and redness.

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.

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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

Classified as a Dangerous Goods for transport (ADG, IMDG, IATA)



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	-	
IATA	UN1950	Aerosols	2.1	-	

15. REGULATORY INFORMATION

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

AU Classification:

F - Flammable
Xn – Harmful
Xi – Irritant
N – Dangerous for the environment.
R20 – Harmful by inhalation.
R36/38 – Irritating to eyes and skin.
R65 - Harmful: may cause lung damage if swallowed.
R52/53 – Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S16 - Keep away from sources of ignition - No smoking.
S23(3) - Do not breath 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.

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Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

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 SDS SDS reviewed: 3 September 2020

Abbreviations

ADG Code	Australian Code for the Transport of Dangerous Goods by Road & Rail
ACGIH	American Conference of Governmental Industrial Hygienists
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
CAS Number	Chemical Abstracts Service Registry Number
TWA	Time Weighted Average
STEL	Short Term Exposure Limit
ppm	Parts Per Million
mg/m³	Milligrams per Cubic Metre
HAZCHEM Code	Emergency action code of numbers and letters which gives information to emergency services
GHS	Globally Harmonised System of Classification and Labelling
SDS	Safety Data Sheet
SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
AICS	Australian Inventory of Chemical Substances
NOHSC	National Occupational Health and Safety Commission

This SDS 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 SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. 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 SDS