




SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	MAGIC SS-113A AEROSOL
ADG:	AEROSOLS
Manufacturer	ADVANCE CHEMICALS
Address	4 – 8 Malton Court Altona Vic 3018
Telephone	(03) 9398 4444 (BH) Poisons Information Centre 131126 (AH) 0425 800 022 (AH)
Recommended Use:	Electronic Cleaner and Degreaser

2. HAZARDS IDENTIFICATION

Hazard Classification	Hazardous
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)	Aerosol: Pressurised: Category 3 Acute Toxicity: Inhalation: Category 4 Skin Irritation: Category 2 Eye Irritation: Category 2A Aquatic Toxicity (Chronic): Category 3
GHS Label Elements	
Signal Word	WARNING
Symbol(s)	
Hazard Statements	
H229	Pressurized container: may burst if heated.
H315	Causes skin irritation.
H320	Causes eye irritation.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects
Precautionary Statements	
Prevention	
P251	Pressurised container: Do not pierce or burn, even after use.
P261	Avoid breathing dust/fumes/gas/mist/mist/vapours/spray.
P262	Do not get in eyes, skin or on clothing.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
Response	
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+311	IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.
P308+P314	If exposed or concerned: Get medical advice/attention if you feel unwell.



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Storage

P410 + P412

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

Risk Phrases:

R20/22 – Harmful by inhalation and if swallowed.

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:

S2 – Keep out of the reach of children.

S16 – Keep away from sources of ignition – No smoking.

S23 – Do not breathe fumes.

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
1,2-Dichlorethene	156-60-5	30-60
1,1,1,3,3-Pentafluorobutane	406-58-6	>60
Carbon dioxide propellant	124-38-9	<10

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

Description of necessary measures according to routes of exposure

Eye Contact

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 Contact

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.

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

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



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Notes to Physician: Treat symptomatically.

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 Non Flammable.
Extinguishing Media	Use an extinguishing agent suitable for surrounding fires.
Special Hazards Arising from the Substance or Mixture	Non Flammable. May evolve toxic gases (chlorides, fluorides, phosgene, carbon oxides) when heated to decomposition.
Fire/Explosion Hazards	Not flammable. Cool closed containers exposed to fire with water fog. 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.

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	Prevent product from entering drains and waterways.
Methods for Cleaning Up	If emergency personnel are unavailable, contain spilt material. For small spills, add non-combustible absorbent material (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

Safe Handling	Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Avoid breathing vapours, spray or mists. Use only with adequate ventilation. Observe good personal hygiene, including washing hands thoroughly after handling. Pressurized container. Do not puncture, pierce or burn empty can.
Safe Storage	Store in a cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Aerosol containers may explode if exposed to excessive heat (> 50°C). Ensure containers are adequately labelled and protected from physical damage when not in use. Store out of direct sunlight. Check regularly for damaged/leaking containers.



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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 Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

Hygiene Measures Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory 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	Recommended: PVC gloves
Respiratory	If ventilation is not adequate then organic vapour filter (Type A) is recommended.
Body	When using large quantities or where heavy contamination is likely, wear coveralls.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid (Aerosol)
Colour	Colourless
Odour	Sweetish
Boiling Point	Not available
Vapour Pressure	Not available
Specific Gravity	1.2 – 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



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10. STABILITY AND REACTIVITY

Stability	The product is stable under normal ambient conditions of temperature and pressure.
Conditions to Avoid	Sources of ignition, heat, direct sunlight.
Materials to Avoid	Oxidizing material.
Hazardous Decomposition Products	These products are carbon oxides (CO, CO ₂), halogenated compounds, hydrogen chloride, hydrogen fluoride, phosgene.
Hazardous Reactions	Produces very toxic gases when exposed to acids or acid mists.

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. Deliberate misuse by inhaling contents of this aerosol may be fatal.
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Potential Acute Health Effects

Inhalation	Harmful by inhalation. High vapour concentrations can cause headaches, dizziness, drowsiness and nausea, and may lead to unconsciousness. At higher levels, may result in CNS depression and cardiac arrhythmia.
Ingestion	Ingestion is considered unlikely do to product form, however ingestion may cause nausea, weakness and central nervous system effects. At higher levels, may result in CNS depression and cardiac arrhythmia.
Skin Contact	Irritant. Prolonged or repeated contact may result in mild irritation.
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.
Toxicity Data	CARBON DIOXIDE (124-38-9) LCLo (inhalation) 9 pph/5M (human)
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.
Other Adverse Effects	Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.



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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



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

Regulation	UN Number	Proper Shipping Name	Class Group	Packing Group
ADG	UN1950	Aerosols	2.2	None Allocated
IMDG	UN1950	Aerosols	2.2	None Allocated
IATA	UN1950	Aerosols	2.2	None Allocated

Additional Information

Initial emergency response Guide: 49
Emergency Schedules (EMS): F-D, S-U

15. REGULATORY INFORMATION

Australia Inventory (AICS) All substances are listed on AICS or exempt.

AU Classification: Xn – Harmful
Xi – Irritant
Xn – 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 Medicines and Poisons (SUSMP)

A poison schedule number has not been allocated to this product.

Control of Scheduled Carcinogenic Substances

Ingredient Name No listed substance

16. OTHER INFORMATION

Contact Person/Point Technical Information: Ted Powell 0425 800 022

Date of Preparation or last revision of SDS SDS updated: January 2023



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Abbreviations

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

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. 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