

SAFETY DATA SHEET

SEPTONE AEROSOL COLD GAL

Infosafe No.: 5APH2
ISSUED Date : 01/08/2015
ISSUED by: ITW AAMTECH

1. IDENTIFICATION

GHS Product Identifier

SEPTONE AEROSOL COLD GAL

Product Code

AACGP400

Company Name

ITW AAMTECH (ABN 63 004 235 063)

Address

1-9 NINA LINK DANDENONG SOUTH
VIC 3175 AUSTRALIA

Telephone/Fax Number

Tel: 1800 177 989

Fax: +61 2 9725 4698; 1800 308 556

Emergency phone number

1800 638 556; 1800 039 008; 0800 2436 2255

E-mail Address

info@aamtech.com.au

Recommended use of the chemical and restrictions on use

Anti-corrosive priming paint for galvanised iron and mild steel, aerosol form

Disclaimer

Website: www.aamtech.com.au

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New Zealand

Autoserv NZ Ltd

2/38 Trugood Drive, East Tamaki, Auckland

Tel: 0800 438 996

Email: warehouse@autoserv.co.nz

2. HAZARD IDENTIFICATION

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Classified as Hazardous according to the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Classified as Dangerous Goods for transport according to the New Zealand Standard NZS 5433:2012 Transport of Dangerous Goods on Land.

Flammable Aerosol: Category 1

Acute Toxicity - Dermal: Category 4

Acute Toxicity - Inhalation: Category 4

STOT Repeated Exposure: Category 2

STOT Single Exposure: Category 3 (narcotic)

Toxic to Reproduction: Category 2

Signal Word (s)

DANGER

Hazard Statement (s)

H222 Extremely flammable aerosol.

H312 Harmful in contact with skin.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure by inhalation.

H361 Suspected of damaging fertility or the unborn child.

Pictogram (s)

Flame,Health hazard,Exclamation mark



Precautionary statement – Prevention

P201 Obtain special instructions before use.

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/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statement – Response

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P363 Wash contaminated clothing before reuse.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary statement – Storage

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Other Information

New Zealand HSNO

Flammable aerosol 2.1.2A,6.1D (Inhalation, dermal)6.9A, 6.8A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	Proportion
Dimethyl ether	115-10-6	30-60 %
Xylene	1330-20-7	10-40 %
Toluene	108-88-3	10-30 %
Light aromatic hydrocarbon solvent	64742-95-6	10-30 %
n-Hexane	110-54-3	0-2 %
Pigment	Proprietary	0-30 %
other ingredients determined not to be hazardous	-	BALANCE

4. FIRST-AID MEASURES

Inhalation

Rescuers should wear respiratory protection. Remove the victim from the source of exposure. If the victim is not breathing, apply artificial resuscitation. For all but the most minor symptoms, seek medical attention.

Ingestion

If sprayed in mouth, rinse mouth with water. Do NOT induce vomiting. Give water to drink. Seek immediate medical attention.

Skin

Remove contaminated clothing and launder before re-use. Wash affected skin and hair thoroughly with soap and water.

Eye contact

Hold the eyes open and flush with water for at least 15 minutes. Seek immediate medical attention.

First Aid Facilities

A safety shower and an eye irrigation facility should be provided. This Safety Data Sheet should be provided to the attending medical doctor.

Advice to Doctor

Inhalation: Treat symptomatically. CNS depression, characterised by headache and nausea.

Ingestion: Gastrointestinal irritation, nausea, vomiting and cramping. CNS depression, ranging from mild headache to anaesthesia and coma. Pulmonary irritation secondary to exhalation of solvent. Lavage with cuffed tube if large quantity ingested. Aspiration is the main danger. Enforce bed rest and observe carefully. Prophylactic antibiotics are useful. Observe for 24 hours for chemical pneumonitis. Longer term medical surveillance may be necessary. Maintain airways and vital functions. Avoid sympathomimetic amines.

Other Information

Use good occupational work practice.

5. FIRE-FIGHTING MEASURES

Fire Fighting Measures

Highly flammable. Aerosol containers are highly pressurised and can explode in a fire. Keep intact containers cool using a water fog.

WARNING: Vapours are heavier than air and will tend to spread at low level and accumulate in pits, sumps or depressions.

Suitable Extinguishing Media

LARGE FIRE: Water spray, fog or regular foam. Move containers from fire area if you can do it without risk.

SMALL FIRE: Dry chemical or CO₂.

Special Protective Equipment for fire fighters

If this product is involved in a fire, firefighters should wear full protective equipment including self-contained breathing apparatus.

Specific Hazards Arising From The Chemical

If this product is involved in a fire, or comes in contact with a naked flame or a hot surface such as a radiator, it may evolve extremely toxic fumes (phosgene).

Under prolonged exposure to fire or intense heat the containers may rupture violently and rocket.

Other Information

Extremely flammable. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - no smoking.

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal

Personnel involved in cleaning up any spills are to wear the appropriate protective equipment. Remove all sources of heat or ignition. Do not smoke during the clean-up procedure. Cordon off the spillage area. Isolate the source of the spillage or leak. Contain the spillage using a suitable non-flammable absorbent material such as sand or diatomaceous earth (but not sawdust), and then transfer to sealed metal containers for disposal. Prevent the spillage from entering the sewerage system or waterways. Do not puncture or incinerate aerosol cans, even when empty.

Dispose of large amounts in a suitable chemical dump (check the local statutory requirements).

7. HANDLING AND STORAGE

Handling and storage

Pressurised dispenser. Highly flammable. Do not pierce or burn, even when empty.

Do not spray on or near a naked flame, any incandescent material or hot surface. Keep away from all sources of heat or ignition, including sparks and naked flames - no smoking.

Use only in a well ventilated area. Protect from sunlight and do not expose to temperatures above 50°C as excessive pressure build-up will occur inside the can possibly leading to an explosive rupture of the can.

Store in accordance with local regulations in a cool, well ventilated place away from sources of heat or ignition.

Keep out of the reach of children and away from strong oxidising materials.

Vapours are heavier than air.

Store in accordance with local regulations as this product is defined under Australian Dangerous Goods Code to be dangerous goods.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limit values

Substance	Regulations	Exposure Duration	Exposure Limit	Units	Notes
Dimethyl ether		TWA	400	ppm	
Dimethyl ether		TWA	760	mg/m3	
Dimethyl ether		STEL	500	ppm	
Dimethyl ether		STEL	950	mg/m3	
Xylene		TWA	80	ppm	
Xylene		TWA	350	mg/m3	
Toluene		TWA	50	ppm	
Toluene		TWA	191	mg/m3	
Toluene		STEL	150	ppm	
Toluene		STEL	574	mg/m3	
n-Hexane		TWA	20	ppm	
n-Hexane		TWA	72	mg/m3	

Other Exposure Information

Light aromatic solvent naphtha - TWA of 350mg/m3 (supplier recommendation)

Appropriate Engineering Controls

Ensure that the ventilation is adequate to maintain air concentrations below the exposure standards. If necessary, provide local exhaust ventilation. Ventilation equipment must be explosion proof. Isolate from all sources of heat or ignition, including sparks and naked flames.

Personal Protective Equipment

Avoid contact with the skin and eyes and avoid breathing the vapour or spray mists.

If prolonged or repeated skin contact is likely, oil impervious gloves should be worn.

Wear safety glasses if spray mists are produced during use.

Wear an organic vapour resistant respirator complying with AS 1715 / AS1716 if vapour or spray mist concentrations exceed the exposure standards.

Always wash skin and clothing after using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Grey paint, solvent odour (in aerosol form).

Boiling Point

Not available

Solubility in Water

Immiscible

Specific Gravity

0.66

pH

Not applicable

Flash Point

-41°C (propellant)

Flammability

Highly flammable.

Can form flammable vapour-air mixtures. Isolate from all sources of heat or ignition, including sparks and naked flames.

Do not spray near flames or sparks or onto hot surfaces. Do not smoke while using this product.

Use only in a well ventilated area.

Vapours are heavier than air.

Keep away from strongly oxidising materials.

Auto-Ignition Temperature

350C (propellant)

Flammable Limits - Lower

3.4% (propellant)

Flammable Limits - Upper

18% (propellant)

10. STABILITY AND REACTIVITY

Chemical Stability

Considered stable to heat and light. Do not store in temperatures above 40°C as excessive pressure build-up will occur inside the can possibly leading to an explosive rupture of the can.

Conditions to Avoid

Sources of heat or ignition, sparks and naked flames. Static electricity discharges. An explosive air-vapour mix may form - ensure adequate ventilation. Vapours are heavier than air.

Incompatible materials

Strong acids, halogens and oxidising agents.

Hazardous Decomposition Products

During combustion, this product may produce carbon monoxide and other unidentifiable organic compounds.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral

For the ingredients:

xylene LD50 >2000 mg/kg , Rat.

toluene LD50 >2000 mg/kg , Rat

n-hexane LD50 >15000 mg/kg bw

For all ingredients, aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Acute Toxicity - Inhalation

For the ingredients:

Xylene: LC50 >20 mg/l / 4 hours, Rat

Toluene: LC50 >20 mg/l / 4 hours, Rat

n-Hexane: (LC50) in rats and mice is 48000 ppm (approximately 169.2 mg/L)

Acute Toxicity - Dermal

For the ingredients:

xylene LD50 >2000 mg/kg , Rabbit

toluene LD50 >2000 mg/kg , Rabbit

n-hexane LD50 in rats is >2000 mg/kg bw

Ingestion

Harmful. Upon aspiration into the lungs, chemical pneumonitis may develop.

Inhalation

Intentional misuse by deliberately concentrating and inhaling the contents of aerosols can be harmful or fatal.

May be harmful at high exposure levels. May irritate the nose and respiratory tract. Repeated exposure may cause nasal damage.

Prolonged irritation may cause nausea.

This product contains dimethyl ether as the propellant. Dimethyl ether can produce anaesthetic effects, including blurred vision, symptoms of intoxication, headaches and dizziness.

Skin

Mildly irritating to the skin. Signs of irritation include redness, itchiness and eventually cracking of the skin. Irritation usually only occurs after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the solvents. May lead to the onset of dermatitis.

Eye

Irritating to the eyes. Signs of irritation include redness, soreness and tear production.

Reproductive Toxicity

Possible risk of harm to the unborn child.

For the ingredient toluene: Causes foetotoxicity in animals at doses which are maternally toxic.

For the ingredient n-hexane: Animal experiments suggest that the substance may lead to an impairment of reproductive performance.

Chronic Effects

Skin irritation may occur after prolonged, repeated skin contact and is due to the de-fatting effect on the skin of the solvents. May lead to the onset of dermatitis.

Other Information

For the ingredient, n-hexane, peripheral neuropathy has been reported in humans exposed industrially to the chemical or solvent mixtures containing the chemical. Neurological symptoms observed included sensory impairment, muscle weakness, headache, weight loss and dizziness.

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For the ingredient, toluene, prolonged and repeated exposure to high concentrations may cause decreased color perception. These subtle changes have not been found to lead to functional colour vision deficits. Prolonged and repeated exposures to high concentrations of toluene have resulted in hearing loss in rats.

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For the ingredient, xylene, prolonged and repeated exposures to high concentrations to xylene have resulted in hearing loss in rats.

12. ECOLOGICAL INFORMATION

Short Summary of Assessment of Environmental Impact

Avoid release of contents into the environment. The propellant will vapourise rapidly when released into the atmosphere.

The propellant will photochemically decompose under atmospheric conditions.

13. DISPOSAL CONSIDERATIONS

Disposal considerations

Dispose of large amounts in a suitable chemical dump (check the local statutory requirements).

Do not empty aerosol cans into drains or release into the environment.

Empty aerosol cans are recyclable. Dispose of empty aerosol cans by leaving at an appropriate metal recycling collection point.

14. TRANSPORT INFORMATION

U.N. Number

1950

UN proper shipping name

AEROSOLS

Transport hazard class(es)

2.1

EPG Number

2D1

IERG Number

49

IMDG Marine Pollutant (MP)

None of the components of this product is considered by IMO to be a Marine Pollutant.

IMDG UN No

1950

IMDG Hazard Class

2.1

IMDG EMS

F-D, S-U

15. REGULATORY INFORMATION

Poisons Schedule

S5

HSNO Approval Number

Aerosols (Flammable) Group Standard 2006

HSNO Approval Number for this Group Standard is HSR002515.

Australia (AICS)

All ingredients listed

16. OTHER INFORMATION

Date of preparation or last revision of SDS

Replaces SDS dated Aug 2010

References

Supplier Safety Data Sheets

Globally Harmonised System of Classification and Labelling of Chemicals,ST/SG/AC.10/30, United Nations 2003

Australian Code for the Transport of Dangerous Goods by Road and Rail.

International Maritime Dangerous Goods Code.

International Air Transport Association Dangerous Goods Regulations.

Contact Person/Point

Australia:

24 HOUR EMERGENCY CONTACT (Chemical Safety International): 1 800 638 556

Poisons Information Centre (Australia): 13 11 26

New Zealand:

24 HOUR EMERGENCY CONTACT (Chemical Safety International): 0800 154 666

NZ National Poisons Centre (24 Hour): 0800 764 766

DISCLAIMER:

This Safety Data Sheet summarises at the date of issue to the best of our knowledge, the health and safety hazards of the product and how to safely handle and use the product.

As ITW AAMTech cannot anticipate or control the conditions under which the product is used, customers are encouraged, prior to usage, to assess and control the risks associated with their use of the product.

Data sheets from unauthorised sources may contain information that is no longer current or accurate.

This SDS is valid for 5 years from date of issue. However, this version may be revoked and revised at any time, and users should contact ITW AAMTech to ensure they are in possession of the latest version.

Signature of Preparer/Data Service

AMS

END OF SDS

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