



SAFETY DATA SHEET

Issued by Artav Australia Pty Ltd
575 South Road, Regency Park South Australia 5010
Tel: 61 8 83001999
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www.artav.com.au

[This product is intended solely for external cosmetic use.](#)

Section 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

1.1 Product Name: ATV Tower Hair Spray
Hair styling aid
AICS Name: Not allocated
INCI Name: Not allocated
CAS Number: Not allocated
UN Shipping Name: Aerosols
UN Number : 1950

1.2 Recommended Product Use: Hair care product
Restrictions on Use: Use only as directed

1.3 Supplier Details
Artav Australia Pty. Ltd.
575 South Road
Regency Park SA 5010
Tel: 61 (8) 8300 1999
Fax: 61 (8) 8300 1991
email: info@artav.com.au

1.4 Emergency Phone Number:

Poisons Information

For advice, contact a Poisons Information Centre (e.g. In Australia phone 131126), New Zealand 0800 764 766) or a doctor.
Make available a copy of this MSDS and product labelling information.

Supplier

In business hours, phone 61 8 8300 1999, Fax 61 8 8300 1991

Section 2: HAZARDS IDENTIFICATION

2.1 Classification of the Hazardous Chemical or Mixture

Product definition: Mixture
Hazardous substance. Dangerous goods.

HAZARDOUS according to the criteria of NOHSC

Classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended

2.2 Label Elements Including Precautionary Statements

Classification according to Directive 1999/45/EC [DPD]

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

Physical/chemical hazards: Highly flammable

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hair care · skin care · tanning · depilatory waxes
paraffin · pedicure & manicure treatments · hair extensions
ear piercing · aerosol filling · bottle decorating
private label packaging · commercial & screen printing





GHS Hazard categories:

- Flammable aerosol - category 1
- Specific target organ toxicity (single exposure) – category 3
- Carcinogenicity – category 2
- Eye irritation – category 2A
- Skin irritation – category 2

2.2 Label elements

Hazard pictograms



Signal Word:

Danger

Hazard statements

- H222 Extremely flammable aerosol.
- H336 May cause drowsiness or dizziness
- H351 Suspected of causing cancer
- H319 Causes serious eye irritation
- H315 Causes skin irritation

Precautionary Statements:

General:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P281 Use personal protective equipment as required.

Prevention:

- 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.
- P264 Wash hands thoroughly after handling.
- P280 Wear protective gloves.
- P280 Wear eye protection/face protection.
- P308 + P313 IF exposed or concerned: Get medical advice/attention.

Response:

- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.

Storage:

- P405 Store locked up.
- P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal:

- Do not incinerate.
- Dispose of empty containers in conformance with local regulations and by-laws.

Supplemental label information:

Contents under pressure. Heating may cause contents to expand & burst the container with force.

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2.3 Other Hazards: None known

Additional Information:

Statement of Hazardous Nature (New Zealand)

HSR1002552

2.1.2A: Flammable gas - aerosol.

6.4A Substances that are irritating to the eye

Potential Health Effects

Deliberately sniffing or inhaling the concentrated spray may be harmful or fatal

Short term exposure:

- Eye** May cause transient irritation & redness
- Skin** Not expected to be an irritant
- Inhalation** Inhalation of concentrated fumes may cause drowsiness.
- Ingestion** May cause irritation, nausea vomiting and diarrhea.

Carcinogen status:

This product contains dichloromethane

HCIS: Dichloromethane has been designated as carcinogen Category 2

NTP: Dichloromethane. Reasonably expected to be carcinogenic (OSHA PEL 25ppm).

IARC Dichloromethane Group 2B possibly carcinogenic to humans

Section 3 COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Mixture: Yes

HAZARDOUS INGREDIENTS:

	CAS Number	%w/w
Alkanes, C ₃₋₄	68475-59-2	<40
Ethanol	64-17-5	<50
Dichloromethane	75-09-2	<30
2-Amino-2-methyl-propanol	124-68-5	<1

OTHER INGREDIENTS:

Other ingredients determined to be non-hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG code, to 100%.

	EC/CAS	%w/w	
Ethanol	EC: 200-578-6 CAS: 64-17-5	>=35 -<50	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Eye Irrit. 2B, H319 Specif target organ toxicity single 3 Aquatic Chronic 2, H411
Alkanes C₃₋₄	EC: 270-653-6 CAS:68475-59-2	>30-<40	Flammable Gas - Category 1 Gases Under Pressure - Liquefied Gas Specific Target Organ Systemic Toxicity Single (STOT) - Exposure Category 2
Dicchloromethane (Methylene Chloride)			Category Xn; Harmful Carcinogenic: category 2



EC 200-838-9 CAS 75-09-2 Index: 602-004-00-3 GHS07-GHS08	5-<30	R40: possible risks of irreversible effects Acute toxicity, Oral (Category 4) Skin irritation (Category 2) Eye irritation (Category 2B) Carcinogenicity (Category 2)
Aminomethylpropanol EC: 204-709-8 CAS:124-68-5	<=1	Skin irritation - Category 2 - H315 Eye irritation - Category 2A - H319 Aquatic Chronic- Category 2 H412

Section 4: FIRST AID MEASURES

4.1 Description of First Aid Measures.

Ingestion:

IF SWALLOWED: DO NOT induce vomiting. Rinse mouth with water.
Seek medical assistance if gastric discomfort persists.
Contact Doctor or Poisons Information Centre

Eye Contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Skin Contact:

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water.
Seek medical advice if any soreness, swelling or redness develops.
Wash contaminated clothing prior to reuse.

Inhalation:

If affected, remove to fresh air. Keep patient calm and in a comfortable position.
Apply artificial respiration if not breathing.

Note:

Prostheses such as false teeth which may block airways should be removed prior to commencing first aid. Only trained persons should remove contact lenses.

Protection of First Aiders:

Those offering first aid must not proceed should there be personal risk. Only trained first aiders should attempt first aid.
The first aider should assess any potential hazard before commencing mouth to mouth resuscitation.

4.2 Most Important Symptoms

4.2.1 Potential Acute Health Effects Inhaling fumes may cause drowsiness.

Eye contact:

May be an irritant.

Inhalation:

Concentrated fumes may cause drowsiness

Skin Contact:

None anticipated

Ingestion:

Unlikely entry route.

4.2.2 Over-exposure signs/symptoms.

Eye contact:

Adverse symptoms may include pain, irritation, redness or watering.

Inhalation:

May cause drowsiness and dizziness.

Skin Contact:

Adverse symptoms may include irritation, irritation, localised swelling.

Ingestion:

No specific data.



4.3 Medical Attention and Special Treatment

Advice to Doctors (Emergency Treatment) : Treat symptomatically
Contact Poison treatment specialist if large quantities have been ingested.
Specific Treatment: No specific treatment.

Section 5: FIRE FIGHTING MEASURES

Status: Flammable product. Containers under pressure may explode when heated.
Volatiles: Ethanol, dichloromethane, propane, butane, isobutane.

5.1 Extinguishing media.

Suitable extinguishing Media:
Use an appropriate extinguishing agent for the fire in the area.
Unsuitable extinguishing media.
None known

5.2 Special hazards arising from the Product

Hazards from the Product.
When heated, the contents may expand and burst the container.
Hazardous thermal decomposition products.
Decomposition products may include carbon monoxide, carbon dioxide, soot.
Contact: Dial 000 Emergency (in Australia) in the case of fire .

Section 6 ACCIDENTAL RELEASE MEASURES

Minor Spills :

Clean up all spills promptly. Place in suitable containers for disposal.

Major Spills:

Clear personnel not involved with clean-up from the work area
Slip hazard. Clean spills immediately.
Wear self protective equipment to eliminate contact and inhalation of vapours.
Collect and seal in metal containers for subsequent safe disposal according to the requirement of local government.

EMERGENCY RESPONSE PLANNING GUIDE

The maximum airborne concentration below which it is believed most individuals may work without ill effects is as follows:
Not applicable None recommended by NOHSC

Section 7 HANDLING AND STORAGE

Handling: Apply good hygiene practice. Wash after skin contact.
Avoid prolonged skin contact.
Storage: Store in a cool place out of direct sunlight, avoid temperatures over 50°C.
Keep containers closed when not in use.
Store away from water and corrosive environments
Special Procedures: None applicable.

Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

National occupational exposure limits: No value assigned for this product. However, exposure limits for its hazardous components listed below are as follows:



Ingredient	Source	TWA (ppm)	TWA (mg/m3)	STEL (ppm)	STEL (mg/m3)
Dichloromethane	HCIS	50	174	-	-
Ethanol	HCIS	1,000	1,880	-	-
Butane	HCIS	800	1,900	-	-

Engineering measures: Use in a well ventilated area. Keep containers closed when not in use.

Personal protective measures: Not required when used in accordance with the directions supplied.

In the case of accidental spills, wear gloves and safety goggles.

Protective Gloves

Gloves should be neoprene, PVC or butyl.

Eye Protection:

Not required in normal use. Eye wash facility to be available in the event of accidental spills.

Other Personal protection:

Refer below.

- AS/NZS 1715 Respiratory equipment
- AS/NZS 2161 Protective gloves
- AS 2919 Industrial clothing
- AS/NZS 1337 Industrial eye protection
- AS/NZS 2210 Protective footwear

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

- APPEARANCE:** Lacquer under pressure in aerosol packaging
- BOILING/MELTING POINT:** Not determined
- VAPOUR PRESSURE:** Not determined
- FLASH POINT:** -104°C (Propane)
- FLAMMABILITY LIMITS:** Flammable
- DENSITY:** Not determined
- SOLUBILITY IN WATER:** Not miscible
- VOLATILES:** Ethanol, dichloromethane, propane, butane, isobutane
- AUTOIGNITION:** 365°C (ethanol)
- SPONTANEOUS COMBUSTION:** Not applicable
- pH:** Not applicable
- EVAPORATION RATE:** Not determined

Section 10: STABILITY AND REACTIVITY

Chemical Stability:

This product is stable and unlikely to react in a hazardous manner

- Conditions to avoid:** Avoid heat, sparks, all ignition sources.
- Material to avoid:** Isolate from oxidising agents, acids, alkalis, ignition sources, heat.
- Decomposition:** Will evolve oxides of carbon.
- Hazardous reactions:** Will not occur.

Section 11: TOXICOLOGICAL INFORMATION

Summary:

Low to moderate toxicity. An irritant. If intentionally misused by deliberately inhaling the contents, there is a risk of permanent damage to the central nervous system.

11.1 Health hazards:

- SWALLOWED:** Unlikely to be harmful unless ingested in quantity
- EYES:** Irritant





SKIN: Unlikely to be an irritant in normal use
INHALATION: Irritant. Over-exposure may result in irritation to the nose and throat. Higher levels may cause dizziness and drowsiness.
Chronic effects None identified.
Mutagenic effects: None identified
Reproductive effects None identified
Sensitisation None identified

11.2 Acute Toxicity:
 LD (50) Oral Not available
 LD950) dermal Not available
 LC(50) Inhalation Not available
11.3 Short Term Toxicity: Not available
11.4 Long Term Toxicity Not available
11.5 Human Exposure tests Not available

Section 12: ECOLOGICAL INFORMATION

12.1 Eco-toxicity Contains substances known to be hazardous to the environment
12.2 Degradability No data
12.3 Mobility No data
12.4 Bio-accumulative potential: No data
12.5 Other adverse effects: Not suitable for disposal to sewer.

Ethanol	LC50 96 hours Fish	15300 mg/l Pimephales promelas
	EC50 96 hours	22000 mg/l Selenastrum capricornutum
Dichloromethane	LC 50 96 hours Fish	220/mg/l Lepomis macrchirus
	LC50 96 hours Fish	177 mg/l Pimephales promelas
	LC50 48 hours Crustacea	190 mg/l Daphnia magna
	EC50 (Bacteria)	2.9 mg/l Photobacterium phosphoreum

Results of PBT and vPvB assessment

The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

Section 13: DISPOSAL CONSIDERATIONS

Refer to the relevant local authorities for disposal procedures.

13.1 Waste material:

Absorb waste material into a suitable media such as kitty litter and place in a sealed container for waste disposal.

13.2 Contaminated packaging:

Dispose of in accordance with applicable local regulations and by-laws.

13.3 Notes:

Cleaned empty containers are recyclable.

Section 14: TRANSPORT INFORMATION

14.1 Transportation:

Classified as Dangerous Goods for the purpose of transport by road or rail in Australia and New Zealand. Refer to relevant local regulations for storage and transport

14.2 Class: 2
14.3 UN No: 1950



14.4 EPG:	126
14.5 Packaging Group:	None allocated
14.6 Shipping name:	Aerosol
14.7 Segregation:	Store below 30°C. No special segregation issues.
14.8 Hazchem code:	None allocated
14.9/14.10 Maritime Transportation (IMDG) & Air Transportation (IATA/ICAO-TI)	
IMDG Class:	2.1
Label:	Aerosol
ICAO/IATA Class:	2.1
Label:	Aerosol
UN Number	1950
Marine Pollutant:	Not allocated
Proper Shipping name:	Aerosol
Technical Shipping name:	Not allocated
Marine Pollutant:	Not allocated
EMS Number:	F-D, S-D
Proper Shipping name:	Aerosol
Technical Shipping name:	Not allocated

Section 15: REGULATORY INFORMATION

EU DPD Dangerous Product Directive) Classification (DPD 88/379/EEC). Regulated as a Cosmetic and/or Drug under Cosmetic Directive (EU), China (MOH), FDA (USA), and MHW (Japan).

Safety, health and environmental regulations/legislation specific for the substance or mixture

: Ensure all national/local regulations are observed

Safety Directions:

- 1 Avoid eye contact
- 15 Store under cover in dry, clean, cool, well ventilated place away from sunlight.
- 23 Keep away from heat, sparks and naked flames
- 25 Avoid contact with food

Standard Statements A For advice contact a poisons Information Centre (e.g. In Australia phone 131126), New Zealand 0800 764 766) or a doctor at once.

AICS: This products ingredients are stored on the public AICS database

Section 16: OTHER INFORMATION:

Disclaimer

This SDS has been prepared in accordance with GHS & Work Safe Australia guidelines using the available information at time of preparation. Final determination of suitability for the purpose intended rests with the user.

As the supplier has no control over the conditions under which the product may be used, the supplier no liability for the completeness of the information contained herein.

Revision 5 yearly

Allergies

Susceptible individuals may be sensitive to certain ingredients in any product. Unanticipated allergic reaction on the part of an individual may be as a result of pre-existing sensitivity and does not reflect on the product.

Reference Information

ADG Australian Dangerous Goods
Transport regulation road & rail

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