

# CINTA HAIR COLOUR SPRAY

Chemwatch Independent Material Safety Data Sheet

Issue Date: 9-Jul-2013

9317SP

CHEMWATCH 4872-30

Version No:2.1.1.1

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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### PRODUCT NAME

CINTA HAIR COLOUR SPRAY

### PROPER SHIPPING NAME

AEROSOLS

### PRODUCT USE

■ MSDS are intended for use in the workplace. For domestic-use products, refer to consumer labels.

Application is by spray atomisation from a hand held aerosol pack.

Hair spray.

### SUPPLIER

Company: Richford Cinta

Address:

2/23 Parkhurst Drive

Knoxfield

VIC, 3180

Australia

Telephone: +61 3 9887 2774

Telephone: 0416 351 732 mobile

Fax: +61 3 9887 3774

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## Section 2 - HAZARDS IDENTIFICATION

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### STATEMENT OF HAZARDOUS NATURE

HAZARDOUS SUBSTANCE. DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### RISK

Risk Codes

R12

R36

R44

Risk Phrases

- Extremely flammable.
- Irritating to eyes.
- Risk of explosion if heated under confinement.

### SAFETY

Safety Codes

S16

S25

S39

S40

S26

S46

S60

Safety Phrases

- Keep away from sources of ignition. No smoking.
- Avoid contact with eyes.
- Wear eye/face protection.
- To clean the floor and all objects contaminated by this material, use water.
- In case of contact with eyes, rinse with plenty of water and contact Doctor or Poisons Information Centre.
- If swallowed, IMMEDIATELY contact Doctor or Poisons Information Centre. (show this container or label).
- This material and its container must be disposed of as hazardous waste.

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## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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NAME	CAS RN	%
alcohol, denatured	64-17-5	20-40
dimethyl ether	115-10-6	30-60
ingredients determined to be non- hazardous		balance

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

- Not considered a normal route of entry.
- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

### EYE

- If this product comes in contact with eyes:
- Wash out immediately with water.
- If irritation continues, seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

### SKIN

- Generally not applicable.
- Discontinue use if irritation occurs.

### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.

### NOTES TO PHYSICIAN

- Treat symptomatically.

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## Section 5 - FIRE FIGHTING MEASURES

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### EXTINGUISHING MEDIA

- Water spray or fog.
- Foam.
- Dry chemical powder.
- BCF (where regulations permit).

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water course.

### FIRE/EXPLOSION HAZARD

- Liquid and vapour are highly flammable.
  - Severe fire hazard when exposed to heat or flame.
  - Vapour forms an explosive mixture with air.
  - Severe explosion hazard, in the form of vapour, when exposed to flame or spark.
- Combustion products include: carbon dioxide (CO<sub>2</sub>).

### FIRE INCOMPATIBILITY

- Avoid contamination with strong oxidising agents as ignition may result.

### HAZCHEM

2YE

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Wear protective clothing, impervious gloves and safety glasses.
- Shut off all possible sources of ignition and increase ventilation.

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Section 6 - ACCIDENTAL RELEASE MEASURES

## MAJOR SPILLS

- Clear area of personnel and move upwind.
- Alert Fire Brigade and tell them location and nature of hazard.
- May be violently or explosively reactive.
- Wear breathing apparatus plus protective gloves.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

## Section 7 - HANDLING AND STORAGE

### PROCEDURE FOR HANDLING

- Remove all ignition sources.

### SUITABLE CONTAINER

- Aerosol dispenser.
- Check that containers are clearly labelled.

### STORAGE INCOMPATIBILITY

- Avoid storage with oxidisers.

### STORAGE REQUIREMENTS

- Keep dry to avoid corrosion of cans. Corrosion may result in container perforation and internal pressure may eject contents of can.
- Store in original containers in approved flammable liquid storage area.
- DO NOT store in pits, depressions, basements or areas where vapours may be trapped.
- No smoking, naked lights, heat or ignition sources.
- Keep containers securely sealed. Contents under pressure.

## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE CONTROLS

Source	Material	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>
Australia Exposure Standards	Cinta Hair Colour Spray (Ethyl alcohol)	1000	1880		
Australia Exposure Standards	Cinta Hair Colour Spray (Dimethyl ether)	400	760	500	950

### MATERIAL DATA

ALCOHOL, DENATURED:

DIMETHYL ETHER:

- Sensory irritants are chemicals that produce temporary and undesirable side-effects on the eyes, nose or throat.

Historically occupational exposure standards for these irritants have been based on observation of workers' responses to various airborne concentrations.

CINTA HAIR COLOUR SPRAY:

- None assigned. Refer to individual constituents.

ALCOHOL, DENATURED:

- For ethanol:

Odour Threshold Value: 49-716 ppm (detection), 101 ppm (recognition)

Eye and respiratory tract irritation do not appear to occur at exposure levels of less than 5000 ppm and the TLV-TWA is thought to provide an adequate margin of safety against such effects. Experiments in man show that inhalation of 1000 ppm caused slight symptoms of poisoning and 5000 ppm caused strong stupor and morbid sleepiness.

DIMETHYL ETHER:

- for dimethyl ether:

The no-effect-level for dimethyl ether is somewhere between 2000 ppm (rabbits) and 50,000 ppm (humans) with possible cardiac sensitisation occurring around 200,000 ppm (dogs). The AIHA has adopted a safety factor of 100 in respect to the 50,000 ppm level in its recommendation for a workplace environmental exposure level (WEEL) which is thought to protect against both narcotic and sensitising effects.

May act as a simple asphyxiants; these are gases which, when present in high concentrations, reduce the oxygen content in air below that required to support breathing, consciousness and life; loss of consciousness, with death by suffocation may rapidly occur in an oxygen deficient atmosphere.

CARE: Most simple asphyxiants are odourless or possess low odour and there is no warning on entry into an oxygen deficient

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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

atmosphere.

### PERSONAL PROTECTION

#### RESPIRATOR

• Type AX Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

#### EYE

■ None under normal operating conditions.

#### HANDS/FEET

■ None under normal operating conditions.

#### OTHER

■ No special equipment needed when handling small quantities.

#### ENGINEERING CONTROLS

■ Use in a well-ventilated area.

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

■ Supplied as an aerosol pack. Contents under PRESSURE.  
Fragrant liquid; mixes with water.

### PHYSICAL PROPERTIES

Liquid.  
Gas.  
Mixes with water.

State	Liquid	Molecular Weight	Not applicable
Melting Range (°C)	Not applicable	Viscosity	Not Available
Boiling Range (°C)	Not applicable	Solubility in water (g/L)	Miscible
Flash Point (°C)	- 41 propellant	pH (1% solution)	Not Available
Decomposition Temp (°C)	Not Available	pH (as supplied)	8.3
Autoignition Temp (°C)	Not available	Vapour Pressure (kPa)	Not available
Upper Explosive Limit (%)	26.7 propellant	Specific Gravity (water=1)	1.00
Lower Explosive Limit (%)	3.45 propellant	Relative Vapour Density (air=1)	>1.6
Volatile Component (%vol)	Not Available	Evaporation Rate	Not available

## Section 10 - STABILITY AND REACTIVITY

### CONDITIONS CONTRIBUTING TO INSTABILITY

- Elevated temperatures.
  - Presence of open flame.
  - Product is considered stable.
  - Hazardous polymerisation will not occur.
- For incompatible materials - refer to Section 7 - Handling and Storage.*

## Section 11 - TOXICOLOGICAL INFORMATION

### POTENTIAL HEALTH EFFECTS

#### ACUTE HEALTH EFFECTS

##### SWALLOWED

■ Not normally a hazard due to physical form of product.  
Ingestion may result in nausea, abdominal irritation, pain and vomiting.

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## Section 11 - TOXICOLOGICAL INFORMATION

### EYE

- This material can cause eye irritation and damage in some persons.

### SKIN

- Not considered an irritant through normal use.

The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.

### INHALED

- Not considered an irritant through normal use.

Inhalation of high concentrations of gas/vapour causes lung irritation with coughing and nausea, central nervous depression with headache and dizziness, slowing of reflexes, fatigue and inco-ordination.

WARNING: Intentional misuse by concentrating/inhaling contents may be lethal.

### CHRONIC HEALTH EFFECTS

- Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

### TOXICITY AND IRRITATION

- Not available. Refer to individual constituents.

### SKIN

alcohol, denatured

GESAMP/EHS Composite List - GESAMP Hazard Profiles

D1: skin irritation/corrosion

1

## Section 12 - ECOLOGICAL INFORMATION

This material and its container must be disposed of as hazardous waste.

### Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
alcohol, denatured	LOW	MED	LOW	HIGH
dimethyl ether	LOW	No Data Available	LOW	HIGH

## Section 13 - DISPOSAL CONSIDERATIONS

- Consult State Land Waste Management Authority for disposal.
- Discharge contents of damaged aerosol cans at an approved site.
- Allow small quantities to evaporate.
- DO NOT incinerate or puncture aerosol cans.

## Section 14 - TRANSPORTATION INFORMATION



Labels Required: FLAMMABLE GAS

### HAZCHEM:

2YE (ADG7)

### ADG7:

Class or Division	2.1	Subsidiary Risk:	None
UN No.:	1950	Packing Group:	None
Special Provision:	63 190 277 327	Limited Quantity:	See SP 277
Portable Tanks & Bulk Containers - Instruction:	None	Portable Tanks & Bulk Containers - Special Provision:	None

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## Section 14 - TRANSPORTATION INFORMATION

Packagings & IBCs - P003 LP02 Packagings & IBCs - PP17 PP87 L2  
Packing Instruction: Special Packing  
Provision:

Name and Description: AEROSOLS

### Air Transport IATA:

ICAO/IATA Class 2.1 ICAO/IATA Subrisk: None  
UN/ID Number: 1950 Packing Group: -  
Special provisions: A145

Shipping name:AEROSOLS

### Maritime Transport IMDG:

IMDG Class 2.1 IMDG Subrisk: SP63  
UN Number: 1950 Packing Group: None  
EMS Number: F- D, S- U Special provisions: 63 190 277 327 344 959  
Limited Quantities: See SP277

Shipping name:AEROSOLS

## Section 15 - REGULATORY INFORMATION

### Indications of Danger:

F+ Extremely flammable  
Xi Irritant

POISONS SCHEDULE None

### REGULATIONS

#### Regulations for ingredients

#### alcohol, denatured (CAS: 64-17-5) is found on the following regulatory lists;

"Acros Transport Information", "Australia Exposure Standards", "Australia FAISD Handbook - First Aid Instructions, Warning Statements, and General Safety Precautions", "Australia Hazardous Substances", "Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "Australia National Pollutant Inventory", "FEMA Generally Recognized as Safe (GRAS) Flavoring Substances 23 - Examples of FEMA GRAS Substances with Non-Flavor Functions", "Fisher Transport Information", "GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMO IBC Code Chapter 17: Summary of minimum requirements", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "IMO MARPOL 73/78 (Annex II) - List of Other Liquid Substances", "IMO Provisional Categorization of Liquid Substances - List 2: Pollutant only mixtures containing at least 99% by weight of components already assessed by IMO", "International Air Transport Association (IATA) Dangerous Goods Regulations", "International Council of Chemical Associations (ICCA) - High Production Volume List", "International Fragrance Association (IFRA) Survey: Transparency List", "OECD List of High Production Volume (HPV) Chemicals", "OSPAR National List of Candidates for Substitution - Norway", "Sigma-Aldrich Transport Information", "World Anti-Doping Agency - The 2009 Prohibited List World Anti-Doping Code - Substances Prohibited in Competition (German)", "World Anti-Doping Agency - The 2009 Prohibited List World Anti-Doping Code - Substances Prohibited in Particular Sports (French)", "World Anti-Doping Agency - The 2009 Prohibited List World Anti-Doping Code - Substances Prohibited in Particular Sports (Korean)", "World Anti-Doping Agency - The 2012 Prohibited List World Anti-Doping Code - Substances Prohibited in Particular Sports"

#### dimethyl ether (CAS: 115-10-6,157621-61-9) is found on the following regulatory lists;

"Australia Exposure Standards", "Australia FAISD Handbook - First Aid Instructions, Warning Statements, and General Safety Precautions", "Australia Hazardous Substances", "Australia Inventory of Chemical Substances (AICS)", "Australia National Pollutant Inventory", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Appendix E (Part 2)", "Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 5", "IMO IBC Code Chapter 17: Summary of minimum requirements", "International Council of Chemical Associations (ICCA) - High Production Volume List", "International Fragrance Association (IFRA) Survey: Transparency List", "OECD List of High Production Volume (HPV) Chemicals", "Sigma-Aldrich Transport Information"

No data for Cinta Hair Colour Spray (CW: 4872-30)

## Section 16 - OTHER INFORMATION

### INGREDIENTS WITH MULTIPLE CAS NUMBERS

Ingredient Name CAS  
dimethyl ether 115- 10- 6, 157621- 61- 9

■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:

[www.chemwatch.net/references](http://www.chemwatch.net/references).

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Section 16 - OTHER INFORMATION

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- The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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Issue Date: 9-Jul-2013

Print Date: 9-Jul-2013

*This is the end of the MSDS.*