
MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: **Strong Gel Spray, 300 mL**
Other Names:
Product Code: 910104
Recommended Use: Hair spray

Supplier: **Henkel Australia Pty. Limited**
135-141 Canterbury Road,
Kilsyth, Victoria, 3137
AUSTRALIA

Henkel New Zealand Limited
106 Springs Road,
East Tamaki, Auckland
NEW ZEALAND

Emergency Telephone Number: 61 2 9978 0666 (9.00 am – 5.00 pm, Monday to Friday)

SECTION 2 – HAZARDS IDENTIFICATION

Not hazardous according to criteria of Worksafe Australia.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Identity of Ingredients:	CAS Number:	Proportion:
Ethanol	64-17-5	> 60 %
Other cosmetic grade ingredients determined to be non-hazardous	–	to 100%

SECTION 4 – FIRST AID MEASURES

Swallowed: Give a glass of water. Contact a doctor or Poisons Information Centre.
Eye: Flush eyes with water. Contact a doctor or Poisons Information Centre if irritation persists.
Skin: Wash skin with soap and water if irritation persists.
Inhaled: If breathing difficulties occur, remove person to fresh air and monitor.

Aggravated medical conditions caused by exposure: Nil

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing media: Product is Class 3 Dangerous Goods. Use water, CO₂, foam or water-spray extinguishing media. Product bulk is flammable but water soluble.

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Hazards from combustion products: When heated to decomposition, fumes including carbon monoxide and carbon dioxide may be produced.

Special protective precautions and equipment for fire fighters: alcohol solutions burn with colourless flames.

Hazchem Code: 2[Y]E

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures: Eliminate sources of ignition. Consider evacuation in event of fire.

Methods and materials for containment and clean up:

Eliminate ignition sources. For small spills (less than one litre), wipe area with a wet mop/cloth and rinse spill area and cloth with water. For large spills, absorb any escaped liquid with an inert absorbent material (sand, vermiculite). Dispose of waste in accordance with local, state and federal regulations. Collect un-ruptured units for assessment by owner.

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling: Keep out of reach of children. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition – no smoking.

Conditions for safe storage: Keep out of reach of children. Protect from sunlight and store upright in a cool, dry area. Keep away from sources of ignition – no smoking.

Incompatibilities: Class 5 Oxidising Agents

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

National exposure standards:	Chemical Name Ethanol * Worksafe Australia Standards	TWA* 1880 mg/m³
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Biological limit values: Acute Oral LD₅₀ = 7060 mg/kg(Rat), Inhalation LC₅₀ = 20 000 ppm/10 Hrs (Rat) (based on 100% Ethanol)

Engineering controls: Eliminate ignition sources when mixing or handling liquid bulk. Use product in a well ventilated area, away from all ignition sources. Ensure natural and/or mechanical ventilation (eg. exhaust fan) is adequate to ensure concentrations remain below exposure standards and explosion levels.

Personal protective equipment: Ensure good industrial hygiene practice. Eye protection should be worn when handling bulk product. Wear gloves for extended contact with product bulk.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Following properties for product bulk

Appearance:	Pale yellow, clear liquid
Odour:	Characteristic odour
pH (at 25°C):	Approx 7.5

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Boiling Point: Approximately 78°C
Melting Point: Approximately -114°C
Solubility in water: Miscible; although resin may precipitate
Specific Gravity (at 20°C): Approximately 0.8 g/mL

Product bulk is flammable.

SECTION 10 – STABILITY AND REACTIVITY

Chemical stability: Product bulk is stable under normal conditions. Packaging is stable under normal conditions.
Conditions to avoid: Nil
Incompatible materials: Class 5 Oxidising Agents
Hazardous decomposition products: Nil
Hazardous reactions: None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Health effects from likely routes of exposure:

Ingestion: nausea, vomiting, flushing, mental excitement or depression, drowsiness, impaired perception, stupor, incoordination, coma and death may occur (Merck Index, 10th Edition)

Eye: stinging, reddening

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: No data available
Persistence and degradability: No data available
Mobility: No data available
Environmental Fate: No data available
Bioaccumulative potential: No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal methods and containers: For liquid bulk, contact local EPA for advice. Transport in plastic (polyethylene) lined, sealed drums. For absorbent material used for spill containment, contact local EPA for directions. For empty packaging, contact local recycling facility.

Special precautions for landfill or incineration: Nil

SECTION 14 – TRANSPORT INFORMATION

UN Number: 1170
UN Proper Shipping Name: ETHANOL SOLUTION
Class and subsidiary risk: 3
Packing Group: II

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Special precautions for user: Nil
Hazchem Code: 2[Y]E

For dispatches of 2 or more units per package

SECTION 15 – REGULATORY INFORMATION

There is no known regulatory status of this material, or its ingredients, under Australian health, safety or environmental legislation. Furthermore, there is no additional national or international regulatory information.

SECTION 16 – OTHER INFORMATION

Date of preparation/last revision: 28.07.07

Acronyms/abbreviations used in this Material Safety Data Sheet:

CO ₂	Carbon Dioxide
EPA	Environment Protection Authority

Literature References: Nil

Sources for data: None listed