



# Safety Data Sheet

## section 1: identification

product name: evo miss malleable hair spray  
 chemical name: un no: 1950 aerosol flammable  
 other means of identification: personal care product, styling product  
 name of responsible parties:  
 evo labs pty ltd  
 17 – 21 commercial street marleston, south australia 5033  
 phone number: +61884038263  
 email: [compliance@evohair.com](mailto:compliance@evohair.com)  
 poisons information centre: phone 131126 anywhere in australia

## section 2: hazards identification

classification of the mixture : flammable aerosol category 1  
 label elements



signal word warning  
 hazard statement  
 h223: flammable aerosol  
 h229 pressurised container : may burst if heated  
 h320 causes eye irritation

precautionary statements  
 p210 keep away from heat, hot surfaces, sparks, open flames and other ignition sources - no smoking.  
 p211 do not spray on open flame or other ignition source  
 p251 do not pierce or burn, even after use.  
 P337+ p313: if eyes irritation persists: get medical advice / attention.  
 p410 + 412 protect from sunlight. do not expose to temperatures exceeding 50°C  
 supplemental hazard: statements none  
 p501: dispose of contents/ container to licensed and permitted disposal or recycle facility.

## section 3: composition / information on ingredients

ingredient	cas no.	%(w/w)	classification to 1272/2008	hazardp hrases
ethanol (sd alcohol 40b)	64-17-5	20-30	flammable liquid category 2	h225
isobutane	75-28-5	<b>2-10</b>	flammable gases category 1	H220
Difluoroethane (r-152a)	75-37-6	10-30	flammable gases category 1	h220

## section 4: first aid measures

general :if symptoms persist, call a doctor  
 eyes : if this product comes in contact with eyes: wash out immediately with water and flush for 15 minutes.if irritation continues seek medical attention. removal of contact lenses after an eye injury should only be undertaken by skilled personnel.



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skin : if skin or hair contact occurs: flush skin and hair with running water (and soap if available) .seek medical attention in event of irritation.

ingestion : if ingested do not induce vomiting! If product has been swallowed drink plenty of water or milk, immediately. If the patient is vomiting continue to offer water or milk.

never give water or milk to an unconscious person contact the nearest poison control centre or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed.

inhalation : if fumes, aerosols or combustion products are inhaled remove from contaminated area. To fresh air and keep comfortable for breathing

inhaled: vapors of this product may be moderately irritating to the nose, throat and other tissues of the respiratory system. Symptoms of overexposure can include coughing, wheezing, nasal congestion, and differently breathing. Inhalation of concentrated vapors can cause nervous system depression (eg, drowsiness, dizziness, headaches, nausea)

ingestion: if the product is swallowed, may produce nausea and vomiting. And/ or diarrhoea and central nervous system depression

skin may be irritating to skin the product can cause allergic reactions (eg, rashes, welts, dermatitis) in some sensitive individuals upon prolonged or repeated exposure.

eye: moderately irritating to the eyes

chronic: no harmful or chronic health effects are expected to occur from a single accidental ingestion. these are ingredients may be irritating to the skin and mucous membrane of the eye and respiratory system. overexposure may trigger asthma- like symptoms in some sensitive individuals. may also induce skin sensitization and respiratory hypersensitivity. possible allergic dermatitis.

### section 5: firefighting measures

suitable extinguishing media: water spray jet , foam, dry agents  
(carbon dioxide, dry chemical powder)

Unsuitable no full water jet

specific hazard: vapours/aerosols can form an explosive mixture with air. heat cause increase in pressure and risk of bursting

if heated to decomposition may release cox and complex hydrocarbons.

be aware of possible violent rupture of containers involved in fire.

advice to firefighters : cool endangered containers or product with water spray jet.

### section 6: accidental release measures

before cleaning any spill or leak, individuals involved in the spill clean-up must wear appropriate personal protective equipment (ppe).

small spills: wear appropriate personal protective equipment including gloves and protective eye wear. use a non-combustible material such as vermiculite or sand to soak up the product and place into a container for later disposal. do not use water or a material such as "speed dry" t soak up material sweep up the material using non-sparking materials (eg. plastic brooms, shovels, dustpans) and place into a plastic container or plastic liner within another container.

large spills: keep incompatible materials (eg organics such as oil) away from spill. stay upwind and away from the spill or release. isolate hazard area and keep unauthorized



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personal out of the area. stop spill or release if it can be done with minimal risk. wear appropriate equipment including respiratory protection as conditions warrant.

section 7: handling and storage

precautions do not eat, drink, or smoke while handling this product. contents under pressure handle as to avoid puncturing container(s). when used as intended, no additional protective equipment is necessary. use chemical goggles if eyes is possible. wash unintentional residues with soap and water. contact with eyes.

conditions for safe storage: use and store in a cool dry , well ventilated location (eg, local exhaust ventilation, fans) away from heat and direct sunlight. avoid temperatures above 120°f (48°c keep away from incompatible substances. protect containers from physical damage. to avoid unintentional spraying keep cap in place when not in use, storage level 1

specific end use: spilled material may present a slipping hazard if left unattended. clean all spills promptly

section 8: exposure controls and personal protection

component ppm (mg/m <sup>3</sup> )	Cas no.	acgih		nohsc			osha		
		tlv	stel	es-twa	es-steel	es-peak	pel	stel	idlh
ethanol (sd alcohol)	64-17-5	1000	3000	1000	1800	nf	1000	1900	na
difluoroethane (r152a)	75-37-6	1000	na	1000	na	na	ne	na	na
isobutane	75-28-5	600	750	nf	nf	na	na	na	na

### exposure controls

appropriate engineering controls ventilation : keep area well ventilated, use local or general exhaust ventilation to effectively remove and prevent build-up of vapours or mist generated from the handling of this product.

personal protection: eye protection: keep eyes protected from direct exposure, skin protection : minimal risk of harm through skin contact, respiratory protection : respiratory protection if there is a risk of exposure to high, vapour concentrations.

section 9: physical and chemical properties

colour: clear misty spray of liquid

odour: fresh sweet odour

odour threshold: not determined

ph: n/a

melting / freezing point: not available

boiling point and boiling range: not available

flash point: -30°f (- 34) ttc for propellant only °c

flammability flammable

lower flammability limit (% by vol): not available

upper flammability limit (% by vol): not available

vapour pressure: @ 20°c (68°f) can pressure not to exceed 180 psig @ 55°c (131°f) 12.4 bar

vapour density: >1

specific gravity 0.81-0.85



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solubility soluble  
partition: not determined  
auto ignition temperature: not determined  
decomposition temperature: not determined  
viscosity: aerosol at ambient temperature  
volatiles evaporation rate >1: percent volatile 55%  
other physical / chemical comments: not determined

section 10: stability and reactivity

chemical stability: stable under normal conditions  
hazardous reactions: oxides of carbon (co, co2) and sulfur (so2)  
conditions to avoid: excessive heat, direct sunlight, flames, heat sources and incompatible substances  
Incompatible materials: strong acids or alkalis oxidising agents  
Hazardous decomposition products: oxides of carbon, complex hydrocarbons

section 11: toxicological information

acute toxicity: see section 4  
skin corrosion/irritation: see section 4  
serious eye damage/eye irritation: not determined  
respiratory or skin sensitisation: not determined  
germ cell mutagenicity: not determined  
carcinogenicity: not determined  
reproductive toxicity: not determined  
specific target organ toxicity - single exposure no data available  
specific target organ toxicity- repeat exposure: no data available

section 12: ecological information

toxicity there is no specific data available for this product  
bioaccumulative potential: no data available  
mobility in soil: no data available  
results of pbt and vpvb assessment: no data available  
other adverse effects harmful to aquatic life  
biochemical oxygen demand (bod): not determined  
chemical oxygen demand (cod):not determined

section 13: disposal information

disposal of product offer surplus and non-recycle solutions to a licensed disposal company.  
method of disposal: dispose of according to relevant local, state and federal government regulations.

section 14: transport information

transport information: classified as dangerous goods,  
un no: 1950 aerosols flammable  
land transport (adr/ggvs, rid/ggve)  
class: 2 classification code: 5f letter: 2.1  
special rules: 190, 327, 344, 625  
marine transport (imdg)  
class: 2 pg: 3003; ems-no.: 2-13; mfag: 4.2; marine pollutant: no:  
proper shipping name: aerosols, flammable n.o.s.



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air transport (icao/iata) class: 2.1 aerosols, flammable n.o.s.

section 15: regulatory information

this safety datasheet complies with the requirements of regulation safety, health and environmental regulations/legislation specific for the substance  
this product does not contain any substance subject to sata title iii, section 313 reporting requirements , there is no specific threshold planning quantities for the components of this product

section 16: other information

flame: signal word – warning

hazard statements:

h220: extremely flammable gas

h222: extremely flammable aerosol h225 highly flammable liquid and vapour

h229: pressurised container: may burst if heated

precautionary statements

p102: keep out of reach of children

p210: keep away from heat, hot surfaces, sparks, open flames and other ignition sources - no smoking.

p211: do not spray on open flame or other ignition source p251 do not pierce or burn, even after use.

p410 + 412: protect from sunlight. do not expose to temperatures exceeding 50°C

supplemental hazard statements: none

disclaimer:

the information continued herein based on the manufacturers own study and the work of others, implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer are liable to any party for any damages of any nature, including direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of any information in the sds, or in any other way related (directly or indirectly) to this sds. the information and belief at the date of its publication. the information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. the information relates only to the specific material designated and may not valid for such material used in combination with any other material or in any other process

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