



Mane Hairspray

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 14/10/2013

Revision date: 14/10/2013

Supersedes: 10/10/2013

Version: 1.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Name : Mane Hairspray
Product code : 5520/9183
Type of product : Hair Styling Aids Sprays of all types (pumps, aerosol sprays, etc.)
Product group : hairspray

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public
Main use category : Consumer use
Industrial/Professional use spec : Personal/domestic
Industrial
Professional use
Use of the substance/mixture : Aerosol Hair Spray
Use of the substance/mixture : Cosmetics, personal care products
Function or use category : Cosmetics

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Mane UK Ltd
166 New Cavendish Street
London W1W 6NN - England
T 0207 631 3860
maneuk@aol.com - www.maneuk.com

1.4. Emergency telephone number

Emergency number : +44 (0) 1823 652 333 (24 hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flam. Aerosol 1 H222

Full text of H-phrases: see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

F+; R12

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Directive 67/548/EEC or 1999/45/EC

Hazard symbols :



F+ - Extremely flammable

R-phrases :

R12 - Extremely flammable

S-phrases :

S2 - Keep out of the reach of children
S16 - Keep away from sources of ignition - No smoking
S23 - Do not breathe vapour
S38 - In case of insufficient ventilation, wear suitable respiratory equipment
S46 - If swallowed, seek medical advice immediately and show this container or label
S29/56 - Do not empty into drains, dispose of this material and its container at hazardous or

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Extra phrases : special waste collection point
: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C
Do not pierce or burn, even after use
Do not spray on a naked flame or any incandescent material
Without adequate ventilation formation of explosive mixtures may be possible

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
ethanol, ethyl alcohol substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, ES, ET, FI, FR, GB, GR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SK, SL)	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5	60 - 70	F; R11
butane substance with national workplace exposure limit(s) (AT, BE, DE, DK, ES, FI, FR, GB, HU, IE, IT, PL, PT, SK)	(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0	10 - 20	F+; R12
propane substance with national workplace exposure limit(s) (AT, BE, DE, DK, FI, IE, PL)	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5	5 - 10	F+; R12
Isobutane substance with national workplace exposure limit(s) (AT, BE, DE, FI, FR, IT, PT, SK)	(CAS No) 75-28-5 (EC no) 200-857-2 (EC index no) 601-004-00-0	2 - 5	F+; R12

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
ethanol, ethyl alcohol substance with national workplace exposure limit(s) (AT, BE, BG, CZ, DE, DK, ES, ET, FI, FR, GB, GR, HU, IE, IT, LT, LV, NL, PL, PT, RO, SE, SK, SL)	(CAS No) 64-17-5 (EC no) 200-578-6 (EC index no) 603-002-00-5	60 - 70	Flam. Liq. 2, H225
butane substance with national workplace exposure limit(s) (AT, BE, DE, DK, ES, FI, FR, GB, HU, IE, IT, PL, PT, SK)	(CAS No) 106-97-8 (EC no) 203-448-7 (EC index no) 601-004-00-0	10 - 20	Flam. Gas 1, H220
propane substance with national workplace exposure limit(s) (AT, BE, DE, DK, FI, IE, PL)	(CAS No) 74-98-6 (EC no) 200-827-9 (EC index no) 601-003-00-5	5 - 10	Flam. Gas 1, H220
Isobutane substance with national workplace exposure limit(s) (AT, BE, DE, FI, FR, IT, PT, SK)	(CAS No) 75-28-5 (EC no) 200-857-2 (EC index no) 601-004-00-0	2 - 5	Flam. Gas 1, H220

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : Cough. Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
First-aid measures after eye contact : Direct contact with the eyes is likely to be irritating. Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation : Shortness of breath.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

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Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid fire-fighting water entering the environment. DO NOT fight fire when fire reaches explosives. Evacuate area.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No naked lights. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove ignition sources. Use special care to avoid static electric charges.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Do not spray on an open flame or other ignition source.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed.

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Do not expose to temperatures exceeding 50°C/ 122°F. Keep in fireproof place.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

butane (106-97-8)		
United Kingdom	WEL TWA (mg/m ³)	1450 mg/m ³
United Kingdom	WEL TWA (ppm)	600 ppm
United Kingdom	WEL STEL (mg/m ³)	1810 mg/m ³
United Kingdom	WEL STEL (ppm)	750 ppm
United Kingdom	Remark (WEL)	(Carc, only applies if Butane contains more than 0.1% of buta-1,3-diene)
Ireland	OEL (8 hours ref) (ppm)	1000 ppm

propane (74-98-6)		
Ireland	OEL (8 hours ref) (ppm)	1000 ppm

ethanol, ethyl alcohol (64-17-5)		
United Kingdom	WEL TWA (mg/m ³)	1920 mg/m ³
United Kingdom	WEL TWA (ppm)	1000 ppm

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ethanol, ethyl alcohol (64-17-5)		
United Kingdom	WEL STEL (mg/m ³)	5760 mg/m ³ (calculated)
United Kingdom	WEL STEL (ppm)	3000 ppm (calculated)
Ireland	OEL (15 min ref) (ppm)	1000 ppm

1,2-propanediol (57-55-6)		
United Kingdom	WEL TWA (mg/m ³)	474 mg/m ³
United Kingdom	WEL TWA (ppm)	150 ppm
United Kingdom	WEL STEL (mg/m ³)	30 mg/m ³ (calculated)
United Kingdom	WEL STEL (ppm)	450 ppm (calculated)
Ireland	OEL (8 hours ref) (mg/m ³)	10 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	150 ppm

ethyl acetate (141-78-6)		
United Kingdom	WEL TWA (ppm)	200 ppm
United Kingdom	WEL STEL (ppm)	400 ppm
Ireland	OEL (8 hours ref) (ppm)	200 ppm
Ireland	OEL (15 min ref) (ppm)	400 ppm

acetaldehyde, ethanal (75-07-0)		
United Kingdom	WEL TWA (mg/m ³)	37 mg/m ³
United Kingdom	WEL TWA (ppm)	20 ppm
United Kingdom	WEL STEL (mg/m ³)	92 mg/m ³
United Kingdom	WEL STEL (ppm)	50 ppm
Ireland	OEL (8 hours ref) (mg/m ³)	45 mg/m ³
Ireland	OEL (8 hours ref) (ppm)	25 ppm
Ireland	OEL (15 min ref) (mg/m ³)	45 mg/m ³
Ireland	OEL (15 min ref) (ppm)	25 ppm

diethyl phthalate (84-66-2)		
United Kingdom	WEL TWA (mg/m ³)	5 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	10 mg/m ³
Ireland	OEL (8 hours ref) (mg/m ³)	5 mg/m ³
Ireland	OEL (15 min ref) (mg/m ³)	10 mg/m ³

8.2. Exposure controls

Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Respiratory protection	: Wear appropriate mask.
Other information	: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Pale Yellow Liquid in can, aerosol applied Hairspray.
Colour	: Pale yellow.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: < 0 °C
Self ignition temperature	: No data available
Decomposition temperature	: No data available

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Flammability (solid, gas)	: Non flammable,Extremely flammable aerosol
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 0.798 ±0.01 (Concentrate only)
Solubility	: Soluble in water.
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established. Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

ethanol, ethyl alcohol (64-17-5)

LD50 oral rat	6200 - 17800 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h

Irritation	: Not classified
Corrosivity	: Not classified
Sensitisation	: Not classified
Repeated dose toxicity	: Not classified
Carcinogenicity	: Not classified
Mutagenicity	: Not classified
Toxicity for reproduction	: Not classified
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

ethanol, ethyl alcohol (64-17-5)

LC50 fish 1	12.0 - 16.0 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	9268 - 14221 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 fish 2	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
EC50 Daphnia 2	10800 mg/l (Exposure time: 24 h - Species: Daphnia magna)
ErC50 (algae)	5000 mg/l 72 hr

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12.2. Persistence and degradability

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Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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ethanol, ethyl alcohol (64-17-5)

Log Pow	-0.32
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

: Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Container under pressure. Do not drill or burn even after use.

Additional information : Flammable vapours may accumulate in the container.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

UN-No : 1950

UN-No.(IATA) : 1950

UN-No. (IMDG) : 1950

14.2. UN proper shipping name

Proper Shipping Name : AEROSOLS

Transport document description : UN 1950 AEROSOLS, 2.1, (D)

14.3. Transport hazard class(es)

Class (UN) : 2

Class (IATA) : 2

Class (IMDG) : 2

Hazard labels (UN) : 2.1



14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (UN) : 5F

Special provision (ADR) : 190, 327, 344, 625

Transport category (ADR) : 2

Tunnel restriction code : D

Limited quantities (ADR) : 1L

Excepted quantities (ADR) : E0

14.6.2. Transport by sea

MFAG-No : 126

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14.6.3. Air transport

No additional information available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of R-, H- and EUH-phrases::

Flam. Aerosol 1	Flammable aerosols, Category 1
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
H220	Extremely flammable gas
H222	Extremely flammable aerosol
H225	Highly flammable liquid and vapour
R11	Highly flammable
R12	Extremely flammable
F	Highly flammable
F+	Extremely flammable

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product