



Mane Hair Thickening Spray

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 10.07.2016

Revision date:

:

Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Name : Mane Hair Thickening Spray
Product code : This Safety Data Sheet is applicable to the following

- Silver Ref 9588
- Ash Blond Ref 8557
- Light Blond Ref 9173
- Blond Ref 9587
- Grey Ref 8556
- Light Brown Ref 8555
- Mid Brown Ref 8554
- Hazel Ref 1044
- Auburn Ref 9205
- Dark Brown Ref 8553
- Black Ref 8515
- Jet Black Ref 8558

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

Use of the substance/mixture : Aerosol Thickening Hairspray - for use on thinning hair

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. Liq. 2 H225

Aquatic Chronic 3 H412

Full text of H-phrases: see section 16

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

F+; R12

R52/53

Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available.

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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
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-phrases

: S2 - Keep out of the reach of children
S16 - Keep away from sources of ignition - No smoking
S23 - Do not breathe gas/vapour/aerosol
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 special waste collection point
S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

Extra phrases

: 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
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	30 - 40	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	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	10 - 20	F+; R12
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	10 - 20	F; R11
pentane isopentane, 2-methylbutane	(CAS No) 109-66-0 (EC no) 203-692-4 (EC index no) 601-006-00-1	5 - 10	F+; R12 Xn; R65 R66 R67 N; R51/53
Cl 77891 substance with national workplace exposure limit(s) (AT, BE, BG, ET, FR, GR, IT, LT, LV, PT, SE)	(CAS No) 13463-67-7 (EC no) 236-675-5	1 - 2	Not classified
Silica substance with national workplace exposure limit(s) (AT)	(CAS No) 112945-52-5 (EC no) 601-216-3	1 - 2	Not classified

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
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	30 - 40	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	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	10 - 20	Flam. Gas 1, H220

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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	10 - 20	Flam. Liq. 2, H225
pentane isopentane, 2-methylbutane	(CAS No) 109-66-0 (EC no) 203-692-4 (EC index no) 601-006-00-1	5 - 10	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411
Cl 77891 substance with national workplace exposure limit(s) (AT, BE, BG, ET, FR, GR, IT, LT, LV, PT, SE)	(CAS No) 13463-67-7 (EC no) 236-675-5	1 - 2	Not classified
Silica substance with national workplace exposure limit(s) (AT)	(CAS No) 112945-52-5 (EC no) 601-216-3	1 - 2	Not classified

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 : Assure fresh air breathing. Allow the victim to rest.
- First-aid measures after skin contact : Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.
- First-aid measures after eye contact : 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 : Not expected to present a significant hazard under anticipated conditions of normal use.

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 : Highly flammable liquid and vapour.
- Explosion hazard : May form flammable/explosive vapour-air mixture.

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.
- 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 : Remove ignition sources. Use special care to avoid static electric charges. No naked lights. No smoking.

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. Avoid release to the environment.

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.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Handle empty containers with care because residual vapours are flammable.
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. No naked lights. No smoking. Use only non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/... equipment.
Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep in fireproof place. Keep container tightly closed.
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)

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

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 : Liquid in can, aerosol applied Hairspray.
Colour : Variable in colour, depending on the composition.
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 : No data available
Self ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : Flammable aerosol, Highly flammable liquid and vapour
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Solubility : No data available

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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. Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. May release flammable gases. Fumes.

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
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

Ecology - water : Harmful to aquatic life with long lasting effects.

ethanol, ethyl alcohol (64-17-5)

LC50 fish 1	11400 mg/l 96 hr
ErC50 (algae)	5000 mg/l 72 hr

12.2. Persistence and degradability

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Persistence and degradability	May cause long-term adverse effects in the environment.
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12.3. Bioaccumulative potential

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Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

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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. Dispose of contents/container to ...

Additional information : Handle empty containers with care because residual vapours are flammable.

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

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

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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::

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H220	Extremely flammable gas
H225	Highly flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects
R11	Highly flammable
R12	Extremely flammable
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking
R67	Vapours may cause drowsiness and dizziness
F	Highly flammable
F+	Extremely flammable
N	Dangerous for the environment
Xn	Harmful

Mane UK Ltd

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