

MATERIAL SAFETY DATA SHEET

in accordance with COMMISSION REGULATION (EU) No 453/2010
of 20 May 2010,
amending Regulation (EC) No 1907/2006 of the European Parliament and
of the Council on the Registration, Evaluation, Authorisation and Restriction of
Chemicals (REACH)

Date of issue : 19 September 2012

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Product name : **SPLENDID – mini spray Cherry**

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

1.1. Product identifier :

SPLENDID – mini spray Cherry

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

Air freshener in aerosol

1.3. Details of the supplier of the safety data sheet :

Company name:	TOMIL s.r.o.
Place of business or registered office:	gen.Svatoně 149/IV, 566 01 Vysoké Mýto, Czech republic
Telephone number:	00420 465 503 230
Fax number:	00420 465 503 211
E-mail:	info@tomil.cz
Website:	www.tomil.cz
Contact person:	Pavel Beran

1.4. Emergency telephone number :

00420 2 24919293
Toxicological Information Centre
128 02 Praha 2, Na bojišti 1, Czech Republic

SECTION 2 : Hazards identification

2.1. Classification of the substance or mixture :

Classification of the mixture in accordance with Directive 1999/45/EC:

extremely flammable
R 12 : Extremely flammable

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2.2. Label elements :

Rphrases : R 12 – Extremely flammable.



extremely flammable

S – phrases: S 2 – Keep out of the reach of children.
S 16 - Keep away from sources of ignition - No smoking.
S 23 – Do not breathe spray.
S 51 - Use only in well-ventilated areas.

Contains formaldehyde cyclodecyl ethyl acetal, hexyl salicylate, butylphenyl methylpropional and tetramethyl acetyloctahydronaphthalenes. May produce an allergic reaction.

2.3. Other hazards :

The product does not meet the criteria for ranking among PBT or vPvB substances.

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.

SECTION 3 : Composition/information on ingredients

3.1. Substances :

Not applicable, the product is a mixture.

3.2. Mixtures :

Gaseous preparation in metal packaging with the volume of 15 ml.

The product contains the following substances declared mandatory according to Directive 1999/45/EC :

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Substance name	Substance concentration (%)	CAS number	EC number	Registration number	Classification according to 67/548/EEC	Classification according to regulation (EC) no.1272/2008
petroleum gases, liquefied, sweetened	85 – 90	68476-86-8	270-705-8	02-2119651279-31-	F+ R 12	Flam. Gas 1 H220 Press. Gas H280

Substance name	Substance concentration (%)	CAS number	EC number	Registration number	Classification according to 67/548/EEC	Classification according to regulation (EC) no.1272/2008
ethylene brassylate [1,4-dioxacycloheptadecane-5,17-dione]*	0.4 – 0.5	105-95-3	203-347-8		N R 51/53	Aquatic Chronic 2 H411
tetrahydrolinalool [3,7-dimethyloctan-3-ol]*	0.3 – 0.4	78-69-3	201-133-9	01-2119454788-21-	N R 51/53 Xi R 38	Skin Irrit. 2 H315 Eye Irrit. 2 H319
(ethoxymethoxy) cyclododecane*	0.2 – 0.25	58567-11-6	261-332-1		Xi R 38 - R 43 N R 51/53	Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Chronic 2 H411
3-(4-tert-butylphenyl)-2-methylpropanal*	0.1 – 0.15	80-54-6	201-289-8	01-2119485965-18-	Xn R 22 Xi R 38 - R 43 N R 51/53 Repr. Cat. 3 R 62	Acute Tox. 4 H302 Skin Irrit. 2 H315 Skin Sens. 1 H317 Repr. 2 H361 Aquatic Chronic 2 H411
hexyl salicylate [n-hexyl 2-hydroxybenzoate]*	0.1 – 0.15	6259-76-3	228-408-6	01-2119638275-36-	Xi R 38 - R 43 N R 50/53	Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Chronic 1 H410 Eye Irrit. 2 H319
1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-ones*	0.1 – 0.15	54464-57-2/ 68155-66-8/ 6815567-9	915-730-3	01-2119489989-04-	Xi R 38 - R 43 N R 51/53	Skin Irrit. 2 H315 Skin Sens. 1 H317 Aquatic Chronic 2 H411

*This substance is included in the perfume and are subject to mandatory declaration 1999/45/EC

Note: The full version of the R phrases and standard phrases about safety (so-called H-phrases) is stated in section 16.

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SECTION 4 : First aid measures

4.1. Description of first aid measures :

If any health problems occur, or in the event of any doubt or an accident, seek medical attention and provide the doctor with information from the Safety Data Sheet. Always ensure the affected person peace of mind and ensure his/her warmth.

If the affected person is unconscious, lay him/her down and transport him/her to a doctor in a stabilised position.

If the affected person is not breathing, immediately commence artificial resuscitation.
If the heart has stopped, indirect heart massage must be commenced immediately.

4.1.1. *When inhaled :*

Take the affected person into the fresh air and ensure mental and physical calm. Do not allow him/her to become cold. If irritation persists, seek medical attention.

4.1.2. *On contact with the skin :*

Wash thoroughly using copious warm water and soap – remove contaminated clothing and shoes immediately. Not use any solvents or thinners. In all cases of doubt, or when symptoms, e.g., irritation of skin persists, seek medical attention.

4.1.3. *On contact with the eyes :*

If wearing contact lenses, remove them. Wash eyes with plenty of clean and warm water for at least 15 minutes while pulling eyelids up and seek medical attention, especially if the symptoms of feeling unwell persist.

4.1.4. *On ingestion :*

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Not applicable. Aerosol

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

Not known.

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

Not specified.

SECTION 5 : Firefighting measures

5.1. Extinguishing media :

Suitable extinguishing media: All extinguishing media according to the surroundings.
Unsuitable extinguishing media: All extinguishing media according to the surroundings.

5.2. Special hazards arising from the substance or mixture :

Danger of explosion due to high temperature or by prolonged heating. Prevent fire extinguishing water and fire residues from contaminating surface water, the ground water system or into drains or sewers. See also section 10.

5.3. Advice for firefighters :

According to the size of fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks and gloves.

SECTION 6 : Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures :

Avoid direct contact with the skin and eyes. Use appropriate personal protective equipment. Ventilate enclosed spaces. In the event of a larger accident, clearly mark

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the escape point and isolate it. Keep unauthorised persons out of the affected area.
Inform the local emergency centre (police, fire brigade) of the accident.

6.2. Environmental precautions :

Prevent the product from entering the surface and ground waters (other than designated method of use).

6.3. Methods and material for containment and cleaning up :

Cover the preparation with an appropriate absorbing material (sand, infusorial earth, soil and other suitable absorptive materials etc.), collect in well-sealed containers and dispose of as hazardous waste. Dispose of the collected material in accordance with the locally applicable regulations. In the event of a large leakage of the preparation, inform the fire brigade. In the event of leakage into the sewer system, inform the water and sewage authority.

6.4. Reference to other sections :

Other: see sections 8 and 13

SECTION 7 : Handling and storage

7.1. Precautions for safe handling :

Adhere to the instructions according to the instructions for use. Do not eat, drink or smoke while working and adhere to personal hygiene rules. Avoid direct contact with the eyes and skin, use appropriate personal protection equipment.

7.2. Conditions for safe storage, including incompatibilities :

Store in the original packaging, in well-ventilated rooms, at a temperature of 5 – 35°C.
Store separately from flammable materials.

7.3. Specific end use(s) :

No information on specific end-uses.

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SECTION 8 : Exposure controls/personal protection

8.1. Control parameters :

The preparation does not contain substances, for which the following maximum permissible limits in the work environment are set (NPK-P):

Substance name	Substance concentration (%)	CAS number	Permissible exposure limit (PEL)	Maximum permissible concentration (NPK-P)

Recommended method of measuring substances in the air: gas chromatography.

Recommended methods of monitoring exposure of persons: not determined.

8.2. Exposure controls :

8.2.1. Appropriate engineering controls :

Ensure a good ventilation of the workplace. In the event of insufficient ventilation/air-conditioning, use local air exhaust.

8.2.2. Individual protection measures, such as personal protective equipment :

Do not eat, drink or smoke while working. After work, wash your hands with hot water and soap and treat with an appropriate skin repair cream.

a) *Protection of the eyes and face :*

Protective goggles with side protection.

b) *Protection of the airways :*

Not required.

c) *Protection of the hands :*

Protective gloves (preferred material – PE rubber).

d) *Protection of the skin :*

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Protective working garments.

8.2.3. Environmental exposure controls:

Not necessary if the instructions for use are followed.

SECTION 9 : Physical and chemical properties

9.1. Information on basic physical and chemical properties :

- appearance: liquid (as parfum)
- odour: typical for the preparation, fresh
- odour threshold: subjective
- pH: not determined for the preparation
- melting/freezing point: not determined for the preparation
- initial boiling point and boiling range: not determined for the preparation
- flash point: 450°C
- evaporation rate: not determined for the preparation
- flammability: not determined for the preparation, components are not flammable
- upper/lower flammability or explosive limits: not determined for the preparation
- vapour pressure: app.5 Bar
- vapour density: not determined for the preparation
- relative density: app. 1.5 g/cm³
- solubility(ies): app. 100ml/l
- partition coefficient: n-octanol/water: not determined for the preparation
- auto-ignition temperature: not determined for the preparation
- decomposition temperature: not determined for the preparation
- viscosity: not determined for the preparation
- explosive properties: lower – 1.86% vol.
upper – 9.35% vol.
- oxidising properties: not determined for the preparation, components are not oxidising

9.2. Other information :

Not available.

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SECTION 10 : Stability and reactivity

10.1. Reactivity :

Not determined for the preparation.

10.2. Chemical stability :

The product is stable when stored and handled in the prescribed manner.

10.3. Possibility of hazardous reactions :

Unknown.

10.4. Conditions to avoid :

Temperatures exceeding 50°C

10.5. Incompatible materials :

Carbon monoxide in case of imperfect burning with insufficient access of air.

10.6. Hazardous decomposition products :

No hazardous products are known during decomposition.

SECTION 11 : Toxicological information

11.1. Information on toxicological effects :

Acute toxicity of the preparation :

No toxicological data is available for the product.

Irritation :

Not determined for the preparation, components in the preparation are not classified as irritant.

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Corrosivity :

Not determined for the preparation, components in the preparation are not classified as corrosive.

Sensitisation :

The amount of components contained is below the limit for classification of the product.

Contains formaldehyde cyclodecyl ethyl acetal, hexyl salicylate, butylphenyl methylpropional and tetramethyl acetyloctahydronaphthalenes. May produce an allergic reaction.

Repeat dose toxicity :

No toxicological data is available for the product.

Carcinogenicity :

Not determined for the preparation, components in the preparation are not classified as carcinogenic.

Mutagenicity :

Not determined for the preparation, components in the preparation are not classified as mutagenic.

Toxicity for reproduction :

The amount of components contained is below the limit for classification of the product.

SECTION 12 : Ecological information

12.1. Toxicity :

No data available for the preparation.

12.2. Persistence and degradability :

No data available for the preparation.

12.3. Bioaccumulative potential :

No data available for the preparation.

12.4. Mobility in soil :

No data available for the preparation.

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12.5. Results of PBT and vPvB assessment :

The preparation does not meet the criteria for inclusion, the substances contained are not PBT and vPvB substances.

12.6. Other adverse effects :

No threat to the environment can be expected if the instructions for use are followed.

SECTION 13 : Disposal considerations

13.1. Waste treatment methods :

Procedure is to be followed according to the Act on Waste and its implementing regulations on disposal of waste.

13.1.1. Appropriate methods of disposing of the mixture :

Small amounts of the mixture can be disposed of by diluting it with a large amount of water to until it is under the limit value of the concentration as stipulated for surface water.

Hand over larger amounts of the mixture for disposal to an authorised organisation.

13.1.2. Appropriate methods of disposing of the used packaging :

Thoroughly rinse the package with water and dispose of it in terms of sorted waste.

Ranking of waste pursuant to Decree no. 381/2001 Coll. Ministry of the Environment:

a) waste type code: 150102

waste type name: plastic packaging

waste category: O

according to Annex I and II to the Basel Convention

b) waste type code: 150101

waste type name: paper packaging

waste category: O

according to Annex I and II to the Basel Convention

c/ waste type name: 150104

waste type title: metal packaging

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Product name : **SPLENDID – mini spray Cherry**
category of waste: N
in accordance with Annexes I and II of the Basel Convention

SECTION 14 : Transport information

14.1. UN number : UN 1950.

14.2. UN proper shipping name : AEROSOLS, flammable

14.3. Transport hazard class(es) : 2
(Classification code : 5 F; Label : 2.1.)

14.4. Packing group : not applicable

14.5. Environmental hazards : no

14.6. Special precautions for user :

transport category : 2
limit quantity : 1l
code for tunnels : (D)

The provisions of 190: Aerosols with a capacity exceeding 50 ml containing
only non-toxic substances are not subject to the requirements of ADR.

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 :

Regulation (EC) of the European Parliament and of the Council no.1907/2006, as
amended

Regulation (EC) of the European Parliament and of the Council no.1272/2008, as
amended

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Directive 67/548/EEC

Directive 1999/45/EC

Directive 1975/324/EEC

15.1.1. *National legal regulations CZ :*

Act no. 350/2011 Coll., on chemical substances and preparations, as amended
Decree of the Ministry of Industry and Trade no. 402/20042011 Coll. as amended
Act no. 22/1997 Coll., on technical requirements for products as amended by Act no.
71/2000 Coll.

Act no. 20/1966 Coll., on public healthcare, as amended.

Act no. 185/2001 Coll. on waste as amended

Act no. 477/2001 Coll. on packaging as amended

Decree of the Government of the Czech Republic no. 361/2007, as amended
Government Order No. 194/2001 Coll., as amended

15.2. Chemical safety assessment :

No chemical danger was assessed for the mixture.

SECTION 16 : Other information

Full wording of R-phrases given in subsection 3.2:

R 12: Extremely flammable.

R 38: Irritating to skin.

R 22: Harmful if swallowed.

R 62: Possible risk of impaired fertility.

R 43: May cause sensitization by skin contact.

R 51/53: Toxic to aquatic organisms, may cause longterm adverse effects in
aquatic environment.

R 50/53: Very toxic to aquatic organisms, may cause longterm adverse effects in
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Full wording of H-phrases given in subsection 3.2. :

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H 220: Extremely flammable gas.

H 280: Contains gas under pressure; may explode if heated.

H 317: May cause an allergic reaction.

H 411: Toxic to aquatic life with long lasting effects.

H 410: Very toxic to aquatic life with long lasting effects.

H 315: Causes skin irritation.

H 319: Causes serious eye irritation.

H 302: Harmful if swallowed.

H 361: Suspected of damaging fertility or the unborn child.

Instructions for training :

Workers who come into contact with hazardous chemical substances and preparations (mixtures), must be familiarised to the necessary extent with the effects of these substances and mixtures, with the methods of how to handle them, with protective measures, with the principles of first aid, with the necessary assistance procedures and with the procedures during handling of accidents and emergencies.

Recommended limitation of use :

The mixture should not be used for any other purpose than that for which it is designated

Further information important from the point of view of health and safety :

People with allergic anamneses should not work with this preparation.

Source of the most important data for compilation of the Safety Data Sheet :

Safety Data Sheets for substances and mixtures used.

Reason of revision: change of the section 2, 3, 11, 14, 15, 16

Declaration:

The Safety Data Sheet contains information required to ensure the health and safety at work and also environmental protection. Data stated corresponds to the current state of knowledge

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and experience and is in line with the valid legal regulations. It cannot be regarded as a
guarantee of the suitability and usability of the product for a specific application.