

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

## STATMATIC-Spray Europe 500ml

Print date: 04.09.2014

Product code: 11AA5420934A0500EU

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

#### 1.1. Product identifier

STATMATIC-Spray Europe 500ml

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

##### Use of the substance/mixture

Dental oil spray

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

Company name:	SciCan Ltd.	
Street:	1440 Don Mills Road	
Place:	CDN-M3B 3P9 Toronto, Ontario	
Telephone:	+1 416-446-2742	Telefax: +1 416-446-2725
e-mail:	aceccanese@scican.com	
Internet:	www.scican.com	

#### 1.4. Emergency telephone number:

+ 49 (0) 30 / 30 686 790 (Poison Centre Berlin)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Indications of danger: F+ - Extremely flammable

R phrases:  
Extremely flammable.

##### GHS classification

Hazard categories:  
Aerosol: Aerosol 1  
Hazard Statements:  
Extremely flammable aerosol.  
Pressurised container: May burst if heated.

#### 2.2. Label elements

Signal word:	Danger
Pictograms:	GHS02



##### Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.

##### Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

#### 2.3. Other hazards

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Never give anything by mouth to an unconscious person or a person with cramps. Remove persons to safety.

##### After inhalation

Provide fresh air.

##### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse.

##### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

##### After ingestion

Rinse mouth immediately and drink plenty of water.

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

Headache, nausea, dizziness, fatigue, skin irritation

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

Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.

##### Unsuitable extinguishing media

Full water jet

#### 5.2. Special hazards arising from the substance or mixture

Flammable. Vapours can form explosive mixtures with air.

#### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

##### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition.

#### 6.2. Environmental precautions

Do not allow uncontrolled discharge of product into the environment. Danger of explosion

#### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

#### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Advice on safe handling

No special measures are necessary.

##### Advice on protection against fire and explosion

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharge. Vapours can form explosive mixtures with air.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

##### Advice on storage compatibility

Do not store together with: Oxidising agent. Pyrophoric or self-heating substances.

##### Further information on storage conditions

Protect from frost. Protect against direct sunlight.

#### 7.3. Specific end use(s)

Dental oil spray

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
8042-47-5	White mineral oil (petroleum)		5		TWA (8 h) STEL (15 min)	TWA TWA
106-97-8	Butane	600 750	1450 1810		TWA (8 h) STEL (15 min)	WEL WEL

##### Additional advice on limit values

- a no restriction
- b End of exposure or shift
- c in long-term exposure: after several shifts
- d prior to next shift

TWA (EC): time-weighted average

U: Urea

#### 8.2. Exposure controls

##### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special

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purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

#### Skin protection

Flame-retardant protective clothing. Wear anti-static footwear and clothing

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state: Aerosol  
 Colour: light yellow  
 Odour: odourless

#### Test method

pH-Value (at 20 °C): not determined     DIN 19268

#### Changes in the physical state

Melting point: not determined  
 Initial boiling point and boiling range: -40 °C  
 Sublimation point: No information available.  
 Softening point: No information available.  
 : No information available.  
 Flash point: -80 °C

#### Flammability

Solid: not applicable  
 Gas: not applicable  
 Lower explosion limits: 1 vol. %  
 Upper explosion limits: 11 vol. %  
 Ignition temperature: No information available.

#### Auto-ignition temperature

Solid: not applicable  
 Gas: not applicable  
 Decomposition temperature: not determined

#### Oxidizing properties

Not oxidizing.

Vapour pressure: not determined  
 Vapour pressure: No information available.

Density (at 20 °C): 0,853 g/cm<sup>3</sup>     DIN 51757

Bulk density: No information available.

Water solubility: insoluble

#### Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: No information available.

Viscosity / kinematic: No information available.

Flow time: No information available.

Vapour density: not determined

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Evaporation rate: not determined

Solvent separation test: No information available.

Solvent content: No information available.

**9.2. Other information**

Solid content: not determined

Density Data apply to the technically active substance.  
pressure - bar (20°C)**SECTION 10: Stability and reactivity****10.1. Reactivity**

Flammable, Ignition hazard.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**Further information**

Do not mix with other chemicals.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No information available.

**Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**STOT-single exposure**

Based on available data, the classification criteria are not met.

**Severe effects after repeated or prolonged exposure**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

No indication of human carcinogenicity.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

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#### Specific effects in experiment on an animal

No information available.

#### Additional information on tests

This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP].

### SECTION 12: Ecological information

#### 12.1. Toxicity

Aquatic toxicity: The classification criteria for this hazard class are not met by definition.

#### 12.2. Persistence and degradability

The product has not been tested.

#### 12.3. Bioaccumulative potential

The product has not been tested.

#### 12.4. Mobility in soil

The product has not been tested.

#### 12.5. Results of PBT and vPvB assessment

The product has not been tested.

#### 12.6. Other adverse effects

No information available.

#### Further information

No special environmental measures are necessary.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

##### Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances  
Classified as hazardous waste.

##### Waste disposal number of used product

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances  
Classified as hazardous waste.

##### Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

##### Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b><u>14.1. UN number:</u></b>	UN 1950
<b><u>14.2. UN proper shipping name:</u></b>	AEROSOLS
<b><u>14.3. Transport hazard class(es):</u></b>	2
<b><u>14.4. Packing group:</u></b>	-
Hazard label:	2.1

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Classification code: 5F  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Transport category: 2  
 Tunnel restriction code: D

#### Other applicable information (land transport)

Limited quantity: E0

#### Inland waterways transport (ADN)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.1  
 Classification code: 5F  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L

#### Other applicable information (inland waterways transport)

Limited quantity: E0

#### Marine transport (IMDG)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1  
 Marine pollutant: no  
 Special Provisions: 63, 190, 277, 327, 344, 959  
 Limited quantity: 1000 mL  
 EmS: F-D, S-U

#### Other applicable information (marine transport)

Limited quantity: E0

#### Air transport (ICAO)

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, flammable  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
 Hazard label: 2.1  
 Special Provisions: A145 A167 A802  
 Limited quantity Passenger: 30 kg G  
 IATA-packing instructions - Passenger: 203  
 IATA-max. quantity - Passenger: 75 kg  
 IATA-packing instructions - Cargo: 203  
 IATA-max. quantity - Cargo: 150 kg

#### Other applicable information (air transport)

Limited quantity: E0  
 Passenger-LQ: Y203

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

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#### **14.6. Special precautions for user**

Warning: Flammable gases.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

not applicable

### SECTION 15: Regulatory information

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

##### **EU regulatory information**

1999/13/EC (VOC): No information available.

##### **Additional information**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

##### **National regulatory information**

Employment restrictions: Observe employment restrictions for young people.

Water contaminating class (D): 1 - slightly water contaminating

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

#### **Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 IATA: International Air Transport Association  
 IMDG: International Maritime Code for Dangerous Goods  
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 DNEL/DMEL: Derived No Effect Level / Derived Minimal Effect Level  
 WEL (UK): Workplace Exposure Limits  
 TWA (EC): Time-Weighted Average  
 ATE: Acute Toxicity Estimate  
 STEL (EC) Short Term Exposure Limit  
 LC50: Lethal Concentration  
 EC50: half maximal Effective Concentration  
 ErC50: means EC50 in terms of reduction of growth rate

#### **Relevant H- and EUH-phrases (Number and full text)**

H222 Extremely flammable aerosol.  
 H229 Pressurised container: May burst if heated.

#### **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*