

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

076341697

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

053574019 074126314

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**STATMATIC Spray NA**

Print date: 31.10.2014

Product code: 11AA5420934A0500CA

Page 1 of 7

**1. Identification****Product identifier**

STATMATIC Spray NA

**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	

**2. Hazard(s) identification****Classification of the chemical**

Hazard categories:  
Flammable aerosol: Flam. Aerosol 1  
Hazard Statements:  
Extremely flammable aerosol

**Label elements**

Signal word:	Danger
Pictograms:	flame

**Hazard statements**

Extremely flammable aerosol

**Precautionary statements**

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

**Hazards not otherwise classified**

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

**3. Composition/information on ingredients****Mixtures****Chemical characterization**

Flammable aerosols

**4. First-aid measures****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.

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### STATMATIC Spray NA

Print date: 31.10.2014

Product code: 11AA5420934A0500CA

Page 2 of 7

**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**

Observe risk of aspiration if vomiting occurs. Rinse mouth immediately and drink plenty of water.

**Most important symptoms and effects, both acute and delayed**

Headache, nausea, dizziness, fatigue, skin irritation

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically. Treat symptomatically.

## 5. Fire-fighting measures

**Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.**Unsuitable extinguishing media**

Water. Full water jet

**Specific hazards arising from the chemical**

Flammable Vapours can form explosive mixtures with air.

**Special protective equipment and precautions for fire-fighters**

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.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Remove all sources of ignition.

**Environmental precautions**

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

**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.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## 7. Handling and storage

**Precautions for safe handling****Advice on safe handling**

Pressurized container: Do not pierce or burn, even after use.

**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.

**Conditions for safe storage, including any incompatibilities**

# Safety Data Sheet

according to 29 CFR 1910.1200(g)

## STATMATIC Spray NA

Print date: 31.10.2014

Product code: 11AA5420934A0500CA

Page 3 of 7

### Requirements for storage rooms and vessels

Keep container tightly closed. Keep in a cool, well-ventilated place. Keep away from heat/sparks/open flames/hot surfaces. - 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.

## 8. Exposure controls/personal protection

### Control parameters

#### Exposure limits

CAS No.	Substance	ppm	mg/m <sup>3</sup>	f/cc	Category	Origin
8042-47-5	White mineral oil (petroleum)		5		TWA (8 h)	TWA
75-28-5	Isobutane	800	1900		TWA (8 h)	REL
74-98-6	Propane	1000	1800		TWA (8 h)	REL
		1000	1800		TWA (8 h)	REL
106-97-8	n-Butane	800	1900		TWA (8 h)	REL

#### 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

### Exposure controls

#### Protective and hygiene measures

Take off contaminated clothing and wash before reuse. 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 purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. 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.

Suitable material: NBR (Nitrile rubber) Breakthrough time (maximum wearing time) 480min

Thickness of the glove material 0,45 mm

DIN EN 374

#### Skin protection

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

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

# Safety Data Sheet

according to 29 CFR 1910.1200(g)

## STATMATIC Spray NA

Print date: 31.10.2014

Product code: 11AA5420934A0500CA

Page 4 of 7

### 9. Physical and chemical properties

#### Information on basic physical and chemical properties

Physical state: Aerosol  
 Color: light yellow  
 Odor: characteristic

#### Test method

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

#### Changes in the physical state

Melting point/freezing point: No information available.  
 Initial boiling point and boiling range: -40 °C  
 Sublimation point: No information available.  
 Softening point: 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.

Vapor pressure: not determined

Vapor 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

Evaporation rate: not determined

Solvent separation test: No information available.

Solvent content: No information available.

#### Other information

Solid content: No information available.

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**STATMATIC Spray NA**

Print date: 31.10.2014

Product code: 11AA5420934A0500CA

Page 5 of 7

density: Data apply to technical substance.

pressure: ca. 4,1 bar (20°C)

**10. Stability and reactivity****Reactivity**

Flammable, Ignition hazard.

**Chemical stability**

Stability: Stable

The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions**

No known hazardous reactions.

**Conditions to avoid**

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

**Incompatible materials**

No information available.

**Hazardous decomposition products**

No known hazardous decomposition products.

**Further information**

Do not mix with other chemicals.

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

No information available.

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

No indication of human carcinogenicity.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

Carcinogenicity (NTP): No

Carcinogenicity (IARC): No

Carcinogenicity (OSHA): No

**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].

**12. Ecological information****Ecotoxicity**

The product is not: Dangerous for the environment .

**Persistence and degradability**

The product has not been tested.

**Bioaccumulative potential**

The product has not been tested.

**Mobility in soil**

The product has not been tested.

# Safety Data Sheet

according to 29 CFR 1910.1200(g)

## STATMATIC Spray NA

Print date: 31.10.2014

Product code: 11AA5420934A0500CA

Page 6 of 7

### Other adverse effects

No information available.

### Further information

Avoid release to the environment.

## 13. Disposal considerations

### Waste treatment methods

#### **Advice on disposal**

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

#### **Contaminated packaging**

Completely emptied packages can be recycled.

## 14. Transport information

### **US DOT 49 CFR 172.101**

<b><u>UN/ID number:</u></b>	UN 1950
<b><u>Proper shipping name:</u></b>	Aerosols, flammable, (each not exceeding 1 L capacity)
<b><u>Transport hazard class(es):</u></b>	2.1
Hazard label:	2.1

### **Marine transport (IMDG)**

<b><u>UN number:</u></b>	UN 1950
<b><u>UN proper shipping name:</u></b>	AEROSOLS
<b><u>Transport hazard class(es):</u></b>	2.1
<b><u>Packing group:</u></b>	-
Hazard label:	2.1
Marine pollutant:	no
Limited quantity:	1000 mL
EmS:	F-D, S-U

#### **Other applicable information**

E0

### **Air transport (ICAO)**

<b><u>UN number:</u></b>	UN 1950
<b><u>UN proper shipping name:</u></b>	AEROSOLS, flammable
<b><u>Transport hazard class(es):</u></b>	2.1
<b><u>Packing group:</u></b>	-
Hazard label:	2.1
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**

E0

Passenger-LQ: Y203

### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

## Safety Data Sheet

according to 29 CFR 1910.1200(g)

### STATMATIC Spray NA

Print date: 31.10.2014

Product code: 11AA5420934A0500CA

Page 7 of 7

#### Special precautions for user

Warning: Flammable gases.

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

not applicable

### 15. Regulatory information

#### U.S. Regulations

##### SARA

No

##### Additional information

94/69 / EC (21 ATP). Benzene content is less than 0.1%. It applies the annotation P. Classification and labeling as carcinogenic is not necessary.

### 16. Other information

#### Hazardous Materials Information Label (HMIS)

Health: 2  
Flammability: 4  
Physical Hazard: 0

#### NFPA Hazard Ratings

Health: 0  
Flammability: 4  
Reactivity: 1  
Unique Hazard:

Revision date: 30.10.2014

Revision No: 1,04

#### 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)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
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  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%

#### Other data

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.)*



# Safety data sheet

## STATMATIC-SPRAY USA/CAN

### 1. Identification of the substance/preparation and of the company/undertaking

Revision: 07.02.2011/ RG  
Replaces: 03.02.2010

**Product use:** Maintenance spray for dental handpieces.

Supplier:

**SciCan Ltd.**  
**1440 Don Mills Road**  
**Ontario M3B 3P9 Toronto**  
**Tel: Fax:**

### 2. Hazards identification

Extremely flammable.

#### Additional information

Preparation classified as hazardous in the sense of directive 1999/45/EC. Danger of bursting (explosion) when heated. When using: development of explosive vapour/air mixture possible.

### 3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
203-448-7	106-97-8	butane	F+;R12	1-5
200-827-9	74-98-6	propane	F+;R12	5-15
200-857-2	75-28-5	isobutane	F+;R12	50-75

*Please see section 16 for the full text of the R-phrases*

### 4. First aid measures

#### Inhalation

Seek fresh air. Seek medical advice if symptoms persist and show this safety data sheet to the doctor.

#### Ingestion

Do not induce vomiting. Consult doctor immediately. Keep Data Sheet available.

#### Skin

Wash skin with soap and water.

#### Eyes

Rinse immediately with water (preferably using eye wash) for at least 5 minutes. Open eyes wide. Remove any contact lenses.

### 5. Fire-fighting measures

Extinguish with powder, foam, carbon dioxide or water mist. Do not use water spray, as it may spread the fire. Use water or water mist to cool non-ignited stock. Remove containers from the danger area if this is possible without risk. Do not inhale vapours and flue gases - seek fresh air.

### 6. Accidental release measures

Dam spill and collect with sand, silicagel or other absorbent non-flammable material and place in suitable waste containers. For information on disposal please see item 13. Do not discharge spills into drains and/or surface water.

## 7. Handling and storage

### Handling

Smoking and naked flames prohibited. Ensure good ventilation.

### Storage

Ensure adequate ventilation. Keep away from direct sunlight. Do not expose to temperatures exceeding 129 °F/49 °C.

## 8. Exposure controls/ personal protection

### Precautions for use

Wash hands before breaks and after work.

### Respiratory protection

Not necessary, if well ventilated.

### Gloves and protective clothing

Wear protective nitrile gloves.

### Eye protection

Tight fitting protective goggles with side protection when exposed to large amounts.

### Occupational exposure limits

Ingredients	Exposure limit	Remarks
Butan	1000 ppm 2400 mg/m3	DFG
Propan	1000 ppm 1800 mg/m3	DFG
Isobutan (enthält <= 0.1% Butadien)	1000 ppm 2400 mg/m3	DFG

(EH40/2002 Occupational Exposure Limits 2002)

### Control methods

Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

## 9. Physical and chemical properties

Physical state: Aerosol

Colour: colourless

Odour: odourless

Density 20 °C: 0,853

Vapour pressure 20 °C: 3 bar

Limits of explosion: 1,8 - 11,2 % v/v

Explosion risk: Product is not explosive: When using: development of explosive vapour/air mixture possible.

Ignition temperature: 350 °C

Solubility in water: insoluble

## 10. Stability and reactivity

Conditions to avoid:

Avoid heating and contact with ignition sources.

Pressure increase will result in danger of bursting.

Materials to avoid:

Avoid contact with other chemicals.

## 11. Toxicological information

### **Acute**

#### **Inhalation**

No data available.

#### **Ingestion**

n.d.a.

#### **Skin contact**

n.d.a.

#### **Eye contact**

May cause eye irritation.

### **Long-term effects**

## 12. Ecological information

Avoid discharge into drains or surface water.

### **Persistence and degradability**

According to the formula, contains no AOX.

## 13. Disposal considerations

16 05 04 gases in pressure containers (including halons) Pay attention to local and national official regulations.

for contaminated packing material:

15 01 04 metallic packing

15 01 01 paper and cardboard packaging

## 14. Transport information

The product must be transported in accordance with national and/or international rules for transport of dangerous goods by road, rail, sea and by flight according to ADR, RID, IMDG and IATA.

**ADR:** UN 1950 ; AEROSOLS, FLAMMABLE, N.O.S. ; 2.1 ; ;

**IMDG:** UN 1950 ; AEROSOLS, FLAMMABLE, N.O.S. ; 2.1 ;

Classification code: 5F Label ADR: 2.1\* Hazard identification number:

Flash point: -80°C Label IMDG: 2.1 IMDG EmS.: F-D,S-U

Transport according to ADR 1.1.3.6: Factor: 3. Maximum total quantity per transport unit: 333 l/kg.

IATA: AEROSOLS, FLAMMABLE, N.O.S.; 2.1

Limited quantities

LQ2

## 15. Regulatory information



Extremely flammable

**Hazard designation:** Extremely flammable

**Hazard symbols:** F+

**R-phrases**

Extremely flammable. (R12)

**S-phrases**

Do not breathe spray (S23)

Use only in well ventilated areas. (S51)

**Other labelling**

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. Keep away from sources of ignition - No smoking. Keep out of the reach of children. Without sufficient ventilation formation of explosive mixtures may be possible

**Chemical safety assessment**

## 16. Other information

**Special rules for industrial use**

Special rules for industrial use, other documents and/or reports: none

**Packaging**

Spray can, 500 ml

**Sources used**

Regulation (EC) No 1907/2006, Annex II

This safety data sheet was prepared on the basis of current EU legislation.

**Other information**

VOC-CH: 0,247 kg/ 500 ml

VOC 1999/13/EG: 83 % w/w

This safety data sheet was prepared on the basis of information from the supplier on the product (e.g. material data sheets and the like).

**Full text of the R-phrases that are stated in section 3.**

R12 Extremely flammable.

**Amendments have been made in the following sections**

11,16

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