

SAFETY DATA SHEETS

This SDS packet was issued with item:

076341911

N/A

Safety data sheet

SciCan Statcare Spray USA/CAN

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

Revision: 07.02.2011/ RG
Replaces: 17.05.2010

Product use: Maintenance Spray for dental handpieces.

Supplier:

SciCan Ltd.
1440 Don Mills Road
Ontario M3B 3P9 Toronto
Tel: Fax:
Contact person: BHT Hygienetechnik GmbH
Messerschmittstr. 11 D-86368 Gersthofen

2. Hazards identification

Extremely flammable.

Additional information

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, 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 normally required if area is well ventilated.

Gloves and protective clothing

Wear protective nitrile gloves

Eye protection

Wear tight fitting protective goggles when exposed to large amounts.

Occupational exposure limits

Ingredients	Exposure limit	Remarks
butane	1000 ppm 2400 mg/m3	
propane	1000 ppm 1800 mg/m3	
isobutane	1000 ppm 2400 mg/m3	

(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: mild

Vapour pressure 20 °C: 4,3 bar

50 °C: 5,0 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

No data available

Skin contact

No data available

Eye contact

May cause eye irritation.

Long-term effects

12. Ecological information

Avoid discharge into drains or surface water.

Persistence and degradability

-

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 flight according to ADR, RID, IMDG and IATA.

IATA: UN 1950 ; AEROSOLS; FLAMMABLE; N.O.S ; 2.1 ;

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

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

Other documentation and/or reports - None

Line of business

No information on:

Packaging

No information on:

Sources used

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

Regulation (EC) No 1907/2006, Annex II

Other information

VOC-CH: 0,210 kg/500 ml

VOC 1999/13/EG: 66,3 % 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

1,11

(Made in Toxido®) UK

Safety Data Sheet

according to 29 CFR 1910.1200(g)

STATCARE NA

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Product code: 11AFX42934A0500CDN

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1. Identification**Product identifier**

STATCARE 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****Hazardous components**

CAS No	Components	Quantity
8042-47-5	White mineral oil (petroleum)	16%

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.

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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.

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.

5. Fire-fighting measures**Extinguishing media****Suitable extinguishing media**Carbon dioxide (CO₂), Foam, Extinguishing powder.**Unsuitable extinguishing media**

Full water jet

Specific hazards arising from the chemical

Combustible. 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. Provide adequate ventilation.

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.

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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/sparks/open flames/hot surfaces. - No smoking.

Advice on storage compatibility

Do not store together with: Material, oxygen-rich, oxidizing. 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 ³	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)	PEL
		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

Suitable eye protection: Tightly sealed safety glasses.
DIN EN 166

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.
Suitable material: NBR (Nitrile rubber) Breakthrough time (maximum wearing time) 480min
Thickness of the glove material 0,45 mm
DIN EN 374

Skin protection

No special measures are necessary.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

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9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: Aerosol
 Color: light yellow
 Odor: mild

Test method

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

Changes in the physical state

Melting point/freezing point: not determined
 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): 0,85 g/cm³ 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: 15,5 mm²/s
 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: not determined

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Density Data apply to the technically active substance.
pressure - 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

Vapours can form explosive mixtures with air.

Conditions to avoid

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

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.

12. Ecological information**Ecotoxicity**

According to the criteria of the European classification and labelling system, the substance/the product has not to be labelled as "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.

Other adverse effects

No information available.

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Further information

No special environmental measures are necessary.

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

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

14. Transport information

US DOT 49 CFR 172.101

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

Marine transport (IMDG)

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

Other applicable information

E0

Air transport (ICAO)

UN number:	UN 1950
UN proper shipping name:	AEROSOLS, flammable
Transport hazard class(es):	2.1
Packing group:	-
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

Special precautions for user

Warning: Flammable gases

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

not applicable

15. Regulatory information

U.S. Regulations

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: 0
Flammability: 4
Physical Hazard: 0
Personal Protection: E

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)
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

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.)