SANEX ANTIPERSPIRANT AEROSOL DERMO PROTECTOR

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

1.1 Product identifier

Trade name : SANEX ANTIPERSPIRANT AEROSOL DERMO

PROTECTOR B06530100002

Product code : 200000052012

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

Use of the Sub- : Deodorant

stance/Mixture

1.3 Details of the supplier of the safety data sheet

Company : Colgate - Palmolive Belgium S.A./N.V.,Boulevard du Sou-

verain, 165, Bruxelles, BELGIUM, 1160.

Telephone

+32 (0) 2 674.92.11 / +32 (0) 2 674.92.91

E-mail address of person

responsible for the SDS colgate sds@colpal.com

1.4 Emergency telephone number

Global-CHEMTREC- +1 703-741-5970 CHEMTREC Belgium- +(32)-28083237

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Aerosols, Category 1 H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :

Signal word : DANGER

Hazard statements : H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

Precautionary statements : P102 Keep out of reach of children.

Prevention:

P210 Keep away from heat/ sparks/ open flames/ hot surfac-

es. No smoking.

P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even

after use.

Storage:

P410 + P412 Protect from sunlight. Do not expose to tem-

peratures exceeding 50 °C/ 122 °F.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No.	Classification	Concentration
	EC-No.		(% w/w)
	Index-No.		
	Registration number		
ISOBUTANE	75-28-5	Flam. Gas 1; H220	>= 30 - < 50
	200-857-2	Press. Gas	
	01-2119485395-27-	Muta. 1B; H340	
	0000	Carc. 1A; H350	
BUTANE	106-97-8	Flam. Gas 1; H220	>= 20 - < 30
	203-448-7	Press. Gas	
	01-2119474691-32-	Muta. 1B; H340	
	0000	Carc. 1A; H350	
PROPANE	74-98-6	Flam. Gas 1; H220	>= 20 - < 30
	200-827-9	Press. Gas	
	601-003-00-5		

For explanation of abbreviations see section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

General advice Move out of dangerous area.

Show this safety data sheet to the doctor in attendance.

Do not leave the victim unattended.

If inhaled If unconscious, place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

Flush eyes with water as a precaution. In case of eye contact

> Remove contact lenses. Protect unharmed eye.

Keep eye wide open while rinsing.

If eye irritation persists, consult a specialist.

If swallowed Keep respiratory tract clear.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam

Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-

fighting

Do not allow run-off from fire fighting to enter drains or water

courses.

ucts

Hazardous combustion prod- : No hazardous combustion products are known

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5.3 Advice for firefighters

Special protective equipment :

for firefighters

Wear self-contained breathing apparatus for firefighting if nec-

essary.

Further information : Collect contaminated fire extinguishing water separately. This

must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

For safety reasons in case of fire, cans should be stored sepa-

rately in closed containments.

Use a water spray to cool fully closed containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Ensure adequate ventilation.

Remove all sources of ignition. Evacuate personnel to safe areas.

Beware of vapours accumulating to form explosive concentra-

tions. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible ab-

sorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local

/ national regulations (see section 13).

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

Smoking, eating and drinking should be prohibited in the ap-

plication area.

Take precautionary measures against static discharges.

Provide sufficient air exchange and/or exhaust in work rooms.

Open drum carefully as content may be under pressure.

Dispose of rinse water in accordance with local and national

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regulations.

Advice on protection against

fire and explosion

Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Use only explosion-proof equipment. Keep away from open flames, hot

surfaces and sources of ignition.

Hygiene measures : Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50 °C. Do not open by force or throw into fire even after use. Do not spray on flames or red-hot objects. No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety stand-

ards.

Further information on stor-

age stability

No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Cosmetic products

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
BASIC ALUMINUM CHLORIDE	12042-91-0	TLV 8 hr	2 mg/m3 (Aluminium)	BE OEL

8.2 Exposure controls

Personal protective equipment

Eye protection : Eye wash bottle with pure water

Tightly fitting safety goggles

Hand protection

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

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Skin and body protection : Impervious clothing

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Use respiratory protection unless adequate local exhaust

ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Filter type : Particulates type (P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : aerosol

Colour : colourless

Flash point : -60 °C

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No decomposition if stored and applied as directed.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No data available

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SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Not classified based on available information.

Product:

Acute inhalation toxicity : Acute toxicity estimate: > 5 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist Method: Calculation method

Components:

ISOBUTANE:

Acute oral toxicity : Remarks: Not applicable

Acute inhalation toxicity : LC50 (Rabbit): 520 ppm

Exposure time: 2 h
Test atmosphere: gas

Method: No information available.

Acute dermal toxicity : Remarks: Not applicable

BUTANE:

Acute oral toxicity : Remarks: Not applicable

Acute inhalation toxicity : LC50 (Mouse): 1.237 mg/l, 520 ppm

Exposure time: 2 h Test atmosphere: gas

Method: No information available.

Acute dermal toxicity : Remarks: Not applicable

PROPANE:

Acute oral toxicity : Remarks: Not applicable

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: Not applicable

Skin corrosion/irritation

Not classified based on available information.

Components:

ISOBUTANE:

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Result : No skin irritation

BUTANE:

Remarks : No data available

PROPANE:

Result : No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Components:

ISOBUTANE:

Result : No eye irritation

BUTANE:

Result : No eye irritation

PROPANE:

Result : No eye irritation

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Components:

ISOBUTANE:

Exposure routes : Inhalation

Result : Does not cause respiratory sensitisation.

Exposure routes : Dermal

Result : Does not cause skin sensitisation.

BUTANE:

Exposure routes : Inhalation

Remarks : No data available

Exposure routes : Dermal

Remarks : No data available

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PROPANE:

Exposure routes : Inhalation

Result : Does not cause respiratory sensitisation.

Exposure routes : Dermal

Result : Does not cause skin sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks : This product has not been tested as a whole. However, this

formula was reviewed by expert toxicologists in the Product Safety Assurance Department of Colgate-Palmolive and is determined to be safe for its intended use. This review has taken into consideration available safety-related information including information on individual ingredients, similar formulas and potential ingredient interactions. This review is a component of the hazard determination used to prepare the

etatements in Section 2 of the SDS

statements in Section 2 of the SDS.

SECTION 12: Ecological information

12.1 Toxicity

Components:

ISOBUTANE:

Toxicity to fish : LC50 (Fish): 27,98 mg/l

Exposure time: 96 h

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia (water flea)): 14,22 mg/l

Exposure time: 48 h

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Toxicity to algae/aquatic

plants

ErC50 (Desmodesmus subspicatus (green algae)): 7,71 mg/l

Exposure time: 96 h

Toxicity to fish (Chronic tox-

icity)

No data available:

Toxicity to daphnia and other : aquatic invertebrates (Chron-

ic toxicity)

No data available:

BUTANE:

Toxicity to fish LC50 (Fish): 27,98 mg/l

Exposure time: 96 h

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia magna (Water flea)): 14,22 mg/l

Exposure time: 48 h

Toxicity to algae/aquatic

plants

EC50 (Desmodesmus subspicatus (green algae)): 7,71 mg/l

Exposure time: 96 h

Toxicity to fish (Chronic tox-

icity)

No data available:

Toxicity to daphnia and other :

aquatic invertebrates (Chron-

ic toxicity)

No data available:

PROPANE:

Toxicity to fish LC50 (Fish): 27,98 mg/l

Exposure time: 96 h

Toxicity to daphnia and other :

aquatic invertebrates

EC50 (Daphnia (water flea)): 14,22 mg/l

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Exposure time: 48 h

ErC50 (Desmodesmus subspicatus (green algae)): 7,71 mg/l Exposure time: 96 h

Toxicity to fish (Chronic tox-

icity)

No data available:

Toxicity to daphnia and other :

aquatic invertebrates (Chron-

ic toxicity)

No data available:

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12.2 Persistence and degradability

Components:

ISOBUTANE:

Biodegradability : Result: Readily biodegradable.

BUTANE:

Biodegradability : Result: Readily biodegradable.

PROPANE:

Biodegradability : Result: Readily biodegradable.

12.3 Bioaccumulative potential

Components:

ISOBUTANE:

Bioaccumulation : Bioconcentration factor (BCF): 30,76

Partition coefficient: n-

octanol/water

log Pow: 1,09

BUTANE:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-

octanol/water

: log Pow: 1,09

PROPANE:

Bioaccumulation : Remarks: Not applicable

Partition coefficient: n-

octanol/water

: log Pow: 1,09

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher...

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12.6 Other adverse effects

Product:

Additional ecological infor-

mation

An environmental hazard cannot be excluded in the event of

unprofessional handling or disposal.

Toxic to aquatic life.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with chemi-

cal or used container.

Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product. Do not re-use empty containers.

Do not burn, or use a cutting torch on, the empty drum.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1 UN number

UN 1950

14.2 UN proper shipping name

Aerosols, Flammable()

Classification code: 5F Gases

14.3 Transport hazard class(es)

Class 2.1

14.4 Packing group

Not applicable

14.5 Environmental hazards

No

14.6 Special precautions for user

No information available.

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14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High : DECAMETHYLCYCLOPENTASILO

Concern for Authorisation (Article 59). XANE

Cyclohexasiloxane (D6)

REACH - List of substances subject to authorisation : Not applicable

(Annex XIV)

Regulation (EC) No 1005/2009 on substances that de- : Not applicable

plete the ozone layer

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of

major-accident hazards involving dangerous substances.
P3a FLAMMABLE AEROSOLS

18 Liquefied extremely flam-

mable gases (including LPG) and natural gas

15.2 Chemical safety assessment

No data available

SECTION 16: Other information

Full text of H-Statements

H220 : Extremely flammable gas. H340 : May cause genetic defects.

H350 : May cause cancer.

Full text of other abbreviations

Carc. : Carcinogenicity
Flam. Gas : Flammable gases
Muta. : Germ cell mutagenicity
Press. Gas : Gases under pressure

BE OEL : Belgium. Occupational exposure limit values

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BE OEL / TLV 8 hr : Long term exposure limit

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Classification of the mixture:

Classification procedure:

Aerosol 1 H222, H229 Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

BE / EN

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