



Adaptil[®] Spray - C956

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 05/27/2016 Version: 3.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Name : Adaptil[®] Spray

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

Use of the substance/mixture : Soothing product for dogs.
Consumer use.
The product is applied on the dog's bedding. The volume sprayed is 120 to 140 µL.

1.3. Details of the supplier of the safety data sheet

Ceva Santé Animale 10 Avenue de la Ballastière 33500 Libourne France +33 (0)5 57 55 40 40 contact@ceva.com	Ceva Animal Health, LLC 8735 Rosehill Rd Lenexa, KS 66215 USA 1 800 999 0297 contact.us@ceva.com
---	--

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
USA	CHEMTREC		+1-800-424-9300	

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable liquids, Category 2 H225
Serious eye damage/eye irritation, Category 2A H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336

Full text of H statements : see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



Signal word (GHS-US) :

Danger

Contains :

Isopropanol

Hazard statements (GHS-US) :

H225 - Highly flammable liquid and vapour
H319 - Causes serious eye irritation
H336 - May cause drowsiness or dizziness

Precautionary statements (GHS-US) :

P102 - Keep out of reach of children
P103 - Read label before use
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P261 - Avoid breathing vapours
P305+P351 - IF IN EYES: Rinse cautiously with water for several minutes
P403+P235 - Store in a well-ventilated place. Keep cool
P501 - Dispose of contents/container in accordance with local and national regulations

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

Adaptil[®] Spray - C956

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	GHS-US classification
Isopropanol	(CAS No) 67-63-0	> 95	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures after inhalation : Move the affected person to the fresh air. If you feel unwell, seek medical advice.
- First-aid measures after skin contact : Wash with soapy water. If case of redness or irritation, call a doctor.
- First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. If irritation persists, consult an eye specialist.
- First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. If you feel unwell, seek medical advice.

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

- Symptoms/injuries after inhalation : Drowsiness. Giddiness.
- Symptoms/injuries after eye contact : Eye 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 : Water spray. Alcohol-resistant foam. Carbon dioxide (CO₂). Dry powder.
- Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Highly flammable liquid and vapour. The vapours are denser than air and may travel along the ground. Distance ignition possible.
- Reactivity : To our knowledge, the product does not present any particular risk, under normal conditions of use.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Contain the extinguishing fluids by bunding.
- Protection during firefighting : Do not breathe fumes. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

- Emergency procedures : Avoid contact with eyes. Do not breathe vapours. In case of important spillage : Only qualified personnel equipped with suitable protective equipment may intervene. Remove all sources of ignition.

6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- Emergency procedures : Remove all sources of ignition. Ventilate spillage area.

6.2. Environmental precautions

Do not allow product to spread into the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Take up liquid spill into absorbent material, e.g.: sand, earth, vermiculite, kieselguhr, powdered limestone.
- Methods for cleaning up : Wash contaminated area with large amounts of water.
- Other information : Dispose of contaminated materials in accordance with current regulations.

Adaptil[®] Spray - C956

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with eyes. Do not breathe vapours. Avoid the build-up of electrostatic charge. Remove all sources of ignition.
- Hygiene measures : Do not drink, eat or smoke in the workplace. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep container tightly closed. Store in dry, cool, well-ventilated area. Keep away from heat. Keep away from sources of ignition. Protect from sunlight.
- Incompatible materials : Strong acids. Strong oxidizing agents. Strong alkalis. Amines.
- Special rules on packaging : Keep only in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isopropanol (67-63-0)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m ³)	980 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm

8.2. Exposure controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Hand protection : Nitrile-rubber protective gloves. Butyl-rubber protective gloves.
- Eye protection : Sealed safety goggles.
- Skin and body protection : Handling large quantities of product: Protective non-flammable clothing.
- Respiratory protection : If the occupational exposure limit is exceeded : Breathing apparatus with filter.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Colour : colourless to slightly yellow
- Odour : characteristic
- Odour threshold : No data available
- pH : No data available
- Melting point : No data available
- Freezing point : 90 °C Isopropanol
- Boiling point : 82 °C Isopropanol
- Flash point : 12 °C Isopropanol
- Relative evaporation rate (butyl acetate=1) : No data available
- Flammability (solid, gas) : No data available
- Explosive limits : 2 - 12 vol % Isopropanol
- Explosive properties : Not explosive.
- Oxidising properties : Non oxidizing material according to EC criteria.
- Vapour pressure : 42 hPa (20°C)Isopropanol
- Relative density : 0.789
- Relative vapour density at 20 °C : 2.1 Isopropanol
- Solubility : Water: Soluble
- Log Pow : 0.05 (25°C)Isopropanol

Adaptil[®] Spray - C956

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Auto-ignition temperature	: 425 °C Isopropanol
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

Highly flammable liquid and vapour. The vapours are denser than air and may travel along the ground. Distance ignition possible.

10.4. Conditions to avoid

Heat. Sparks. Open flame. Ignition sources.

10.5. Incompatible materials

Strong acids. Strong oxidizing agents. Strong alkalis. Amines.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified
(Based on available data, the classification criteria are not met)

Isopropanol (67-63-0)	
LD50 oral rat	5840 mg/kg (OECD 401 method)
LD50 dermal rat	13900 mg/kg (OECD 402 method)
LC50 inhalation rat	> 25000 mg/m ³ (OECD 403 method)
ATE US (oral)	5840.000 mg/kg bodyweight
ATE US (dermal)	13900.000 mg/kg bodyweight

Skin corrosion/irritation : Not classified
(Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified
(Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified
(Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified
(Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified
(Based on available data, the classification criteria are not met)

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness.

Specific target organ toxicity (repeated exposure) : Not classified
(Based on available data, the classification criteria are not met)

Isopropanol (67-63-0)	
NOAEL (oral, rat, 90 days)	853 mg/kg bodyweight/day Fertility
NOAEL (inhalation, rat, vapour, 90 days)	12500 mg/m ³

Adaptil® Spray - C956

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)
Symptoms/injuries after inhalation	: Drowsiness. Giddiness.
Symptoms/injuries after eye contact	: Eye irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Do not allow the product, as is, to spread into the environment.

Isopropanol (67-63-0)

LC50 fish	9640 mg/l/96h (Pimephales promelas)
EC50 Daphnia	> 10000 mg/l/24h (Daphnia magna)

12.2. Persistence and degradability

Adaptil® Spray - C956

Persistence and degradability : Readily biodegradable.

Isopropanol (67-63-0)

Persistence and degradability : Readily biodegradable.
Biodegradation : > 98 %

12.3. Bioaccumulative potential

Adaptil® Spray - C956

Log Pow : 0.05 (25°C)Isopropanol

Isopropanol (67-63-0)

Log Pow : 0.05 (25 °C)
Bioaccumulative potential : Not bioaccumulable.

12.4. Mobility in soil

Isopropanol (67-63-0)

Mobility in soil : Very mobile
Ecology - soil : Small adsorption.

12.5. Other adverse effects

Effect on global warming : No known effects from this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of in accordance with relevant local regulations.
Additional information : Empty the packaging completely prior to disposal. After cleaning, recycle or dispose of at an authorised site.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Transport document description : UN1219 Isopropanol, 3, II
UN-No.(DOT) : UN1219
Proper Shipping Name (DOT) : Isopropanol
Class (DOT) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
Hazard labels (DOT) : 3 - Flammable liquid



Packing group (DOT) : II - Medium Danger

Adaptil® Spray - C956

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
DOT Packaging Bulk (49 CFR 173.xxx)	: 242
DOT Special Provisions (49 CFR 172.102)	: IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized T4 - 2.65 178.274(d)(2) Normal..... 178.275(d)(3) TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / (1 + a (tr - tf))$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling
DOT Packaging Exceptions (49 CFR 173.xxx)	: 4b;150
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	: 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 60 L
DOT Vessel Stowage Location	: B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded
Emergency Response Guide (ERG) Number	: 129
Other information	: No supplementary information available.

TDG

Transport document description	: UN1219 ISOPROPANOL, 3, II
UN-No. (ADR/RID) (TDG)	: UN1219
TDG Proper Shipping Name	: ISOPROPANOL
TDG Primary Hazard Classes	: 3 - Class 3 - Flammable Liquids
Packing group	: II - Medium Danger
Explosive Limit and Limited Quantity Index	: 1 L
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index	: 5 L

Transport by sea

UN-No. (IMDG)	: 1219
Proper Shipping Name (IMDG)	: ISOPROPANOL (ISOPROPYL ALCOHOL)
Class (IMDG)	: 3 - Flammable liquids
Packing group (IMDG)	: II - substances presenting medium danger
EmS-No. (1)	: F-E
MFAG-No	: 129
EmS-No. (2)	: S-D

Air transport

UN-No. (IATA)	: 1219
Proper Shipping Name (IATA)	: Isopropanol
Class (IATA)	: 3 - Flammable Liquids
Packing group (IATA)	: II - Medium Danger

SECTION 15: Regulatory information

15.1. US Federal regulations

Adaptil® Spray - C956

SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard
-------------------------------------	--

Isopropanol (67-63-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory
Subject to reporting requirements of United States SARA Section 313

Adaptil® Spray - C956

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

15.2. International regulations

CANADA

Isopropanol (67-63-0)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

Isopropanol (67-63-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

No additional information available

15.3. US State regulations

Adaptil® Spray - C956

U.S. - California - Proposition 65 - Other information

This product does not contain any substances known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

Data sources : SDS of suppliers. ECHA - European Chemical Agency.

Full text of H-statements:

H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

HMIS III Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 3 Serious Hazard - Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 73 F and boiling points above 100 F. as well as liquids with flash points between 73 F and 100 F. (Classes IB & IC)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection : G

G - Safety glasses, Gloves, Vapor respirator

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product