

SAFETY DATA SHEET

Complying to Regulation (EC) No. 1907/2006



ALVODEX™

Date of Issue: 23 June 2020

70% alcohol hand gel

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

1.1 Product identifier

Product name: ALVODEX™ 70% alcohol hand gel
Product code(s): ALVOGEL7060 (60ml)
ALVOGEL70120 (120ml)
ALVOGEL70240 (240 ml)
ALVOGEL70500 (500 ml)
ALVOGEL701 (1 litre)
ALVOGEL705 (5 litre)
ALVOGEL7020 (20 litre)

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

Relevant Identified uses: Skin disinfectant
Uses advised against: Reserved for general use
Reasons why uses advised against: -

1.3 Details of the supplier of the safety data sheet

Company Name: Duggan Veterinary Supplies Limited
Address: Holycross
Thurles
Co. Tipperary
Ireland
Telephone: +353 (0) 504 43169
Email of Responsible Person for SDS: jyoti@dugganvet.ie

1.4 Emergency telephone number

Public: +353 (1) 809 2166 (Poisons Centre Number)
Healthcare Professionals: +353 (1) 809 2566 (24- hour service)

2. Hazards identification

2.1 Classification of the mixture

Classification according to Regulation (EC) 1272/2008



GHS02 Flammable

H225 Highly flammable liquid and vapour



GHS07 Harmful

H302 Harmful if swallowed

H319 Causes serious eye irritation

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS02



GHS07

Signal word:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour

H302 Harmful if swallowed

H319 Causes serious eye irritation

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P240 Ground and bond container and receiving equipment.

P241 Use explosion-proof electrical equipment.

P243 Take action to prevent static discharges.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P403+P235 Store in a well-ventilated place. Keep cool.

P242 Use non-sparking tools.

P264 Wash contaminated skin thoroughly after handling.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P337+P313 If eye irritation persists: Get medical advice/attention.

P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P501 Dispose of contents/container in accordance with national regulations.

2.3 Other hazards

Other hazards which:

None known

do not result in classification

3. Composition/information on ingredients

3.1 Mixtures

Substance name in the mixture	EC Number	CAS Number	Content (% w/w)	Classification
Ethanol	200-578-6	64-17-5	70	Flammable Liquid 3 – H226 Eye Irritation 2 – H319 Skin Irritation 2 – H315
Deionised Water	231-791-2	7732-18-5	10-50	Not classified
Glycerol	200-289-5	56-81-5	0-10	Not classified
Hydrogen Peroxide	231-765-0	7722-84-1	0-10	Acute Toxicity 4 – H302 Acute Toxicity 4 – H332 Skin Corrosion 1A – H314 Eye Damage 1 – H318 Self-reactive F – H242 Specific Target Organ Toxicity Single Exposure 3 – H335 Ox Liq 1 (May cause fire or explosion, strong oxidizer) – H271
Tert-Butyl Alcohol	200-889-7	75-65-0	0-10	Flammable Liquid 2 – H225 Acute Inhalation Toxicity- Vapours 4 – H332 Eye damage 2 – H318 Eye Irritation 2 – H319 Specific target organ toxicity (single exposure) 3 – STOT SE 3, H335 Target organs – Respiratory system, central nervous system
Denatonium Benzoate	223-095-2	3734-33-6	0-10	Acute Toxicity 4 – H302 Long-term (chronic) aquatic hazard – H413
Cellulose	618-389-6	9004-65-3	0-10	Not classified

4. First Aid Measures

4.1 Description of first aid measures

General information:	Rinse eyes immediately with plenty of water. Seek medical attention promptly, if any discomfort continues. Consult a physician for specific advice. Show this Safety Data Sheet to the medical personnel. First aid personnel should wear appropriate protective equipment during any rescue. Treat symptomatically.
Eye contact:	IF IN EYES: Immediately flush eyes cautiously with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses, if present and easy to do. Continue to rinse for at least 15 minutes. Get medical attention if irritation occurs. Consult a physician for specific advice. Show this Safety Data Sheet to the medical personnel.
Inhalation:	Unlikely route of exposure as the product does not contain volatile substances. Seek medical attention promptly, if in doubt. Show this Safety Data Sheet to the medical personnel.
Skin contact:	No special recommendations.
Ingestion:	IF SWALLOWED: Seek medical attention immediately. Rinse mouth thoroughly with water. Do not induce vomiting unless under the direction of medical personnel. Show this Safety Data Sheet to the medical personnel.
Protection of first aiders:	No action shall be taken involving any personal risk or without suitable training. First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

General information:	Treat symptomatically. See Section 11 for additional information on health hazards.
Eye contact:	Over-exposure may result in profuse watering of the eyes. Irritation and redness, followed by blurred vision, irritation of eyes and mucous membranes and visual disturbances including blurred vision.
Inhalation:	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
Skin contact:	No adverse effects known.
Ingestion:	Harmful if swallowed. May cause discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
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5. Fire - Fighting Measures

5.1 Extinguishing media

Suitable media:	In case of fire, use fire-extinguishing media suitable for the surrounding fire such as water spray, foam, dry powder or CO ₂
Unsuitable media:	None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards: Highly flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. May explode when heated or when exposed to flames or sparks. When sprayed on a naked flame or any incandescent material, the aerosol vapours can be ignited. Containers can burst violently or explode when heated, due to excessive pressure build-up. Irritating gases or vapours.

**Hazardous:
combustion products** Carbon dioxide; Carbon monoxide; Nitrous gases

5.3 Advice for firefighters

During firefighting: IN CASE OF FIRE: evacuate affected area immediately. Stop leak, if safe to do so. IF LEAKAGE CANNOT BE STOPPED, evacuate affected area immediately. Remove containers close to fire. Use water for cooling and disperse vapours. Cool containers exposed to flames with water until well after the fire is out.

Protective equipment: Wear positive pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Wear chemical protective suit. Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Procedures and training for emergency decontamination and disposal must be in place. No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Do not touch or walk into spilled material. Avoid contact with skin, eyes and clothing. Wear protective clothing as described in Section 8 of this Safety Data Sheet. Take precautions as floors and other surfaces may become slippery. Do not handle broken packages without protective equipment. Treat the spilled material according to the instructions in the clean-up section. Wash thoroughly after handling with a spillage.

6.2 Environmental precautions

No negative effects on the aquatic environment are known.

6.3 Methods and material for containment and cleaning up

Stop leak, if safe to do so. Place affected container with damaged side up to prevent release. Do not touch or walk into spilled material. Take precautions as floors and other surfaces may become slippery.

SMALL SPILLAGES: Wipe up with an absorbent cloth and dispose of in waste supply. Absorb spillage with sand or other inert absorbent. Collect and place in suitable waste disposal containers and seal securely.

LARGE SPILLAGES: Absorb spillage with sand or other suitable inert material. Collect and place in suitable waste disposal containers and seal securely. Waste should not be disposed of untreated and should be in compliance with local requirements. Dispose of waste to licensed waste disposal site in accordance with local waste disposal requirements. Wash thoroughly after dealing with a spillage.

6.4 Reference to other sections

Refer to section 8 for personal protection details. Refer to section 13 for waste disposal details. Refer to section 11 for additional information on health hazards. Refer to section 12 for additional information on ecological hazards.

7. Handling and storage

7.1 Precautions for safe handling: Avoid contact with eyes and clothing. Ensure adequate ventilation. Avoid spill/leaks. Remove all ignition sources. Ensure precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled/leaked material.

7.2 Conditions for safe storage, including any incompatibilities: Store between the following temperatures: 0 to 25°C (32 to 77°F). Store in accordance with local regulations. Keep containers upright. Protect from freezing and direct sunlight. Keep away from food, drink and animal feeding stuffs.

7.3 Specific end use(s): The identified uses for this product are detailed in Section 1.2.

8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit values

Product/ingredient name in the mixture	Exposure limit values
Ethanol	NAOSH (Ireland, 5/2010). TWA: 1900 mg/m ³ 8 hours. TWA: 1000 ppm 8 hours.

Derived effect levels

No DNELs available for the mixture.

Predicted effect concentrations

No PNECs available for the mixture.

8.2 Exposure controls

Occupational exposure controls

Respiratory protection (EN143, 14387): No respiratory protective equipment is required under normal use conditions. Ventilation and evacuation may be required if irritation is experienced.

Hand Protection (EN 374): No special recommendations under normal use.

Body Protection (EN 14605): No special recommendations under normal use.

Eye/face Protection (EN 166): No special recommendations under normal use.

Other Protection: No special recommendations under normal use.

Hygiene Measures: No special recommendations under normal use.

Environmental exposure controls: Residues and empty containers should be taken care of as hazardous waste according to local and national requirements.

9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	Gel
Colour:	Colourless
Odour:	Alcohol-like
Odour threshold:	Not applicable and/or not determined for the mixture
pH:	6.5 [Conc. (% w/w): 100%]
Melting point/ freezing point:	Not applicable and/or not determined for the mixture
Initial boiling	Not applicable and/or not determined for the mixture

point:	
Flash point:	20°C (Closed Cup)
Evaporation rate:	Not applicable and/or not determined for the mixture
Flammability (solid, gas):	Not applicable and/or not determined for the mixture
Burning time:	Not applicable and/or not determined for the mixture
Burning rate:	Not applicable and/or not determined for the mixture
Upper/lower flammability or explosive limits:	Not applicable and/or not determined for the mixture
Vapour pressure:	Not applicable and/or not determined for the mixture
Vapour density:	Not applicable and/or not determined for the mixture
Relative density:	0.88
Solubility(ies):	Easily soluble in the following materials: cold water.
Partition coefficient n-octanol/water:	Not applicable and/or not determined for the mixture
Auto-ignition temperature:	Not applicable and/or not determined for the mixture
Decomposition temperature:	Not applicable and/or not determined for the mixture
Viscosity:	Not applicable and/or not determined for the mixture
Explosive properties:	Not applicable
Oxidising properties:	None
9.2 Other information	
	No additional information

10: Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable at normal ambient temperatures and when used as recommended. Contents may develop pressure upon prolonged storage. Refer to the 'Storage and shelf life information' in the product specification for storage advice.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur. Flammable/combustible materials.

10.4 Conditions to avoid: Avoid freezing. Avoid exposure to high temperatures or direct sunlight. Heating may cause a fire or explosion. Avoid heat, flames and other sources of ignition. Static electricity and formation of sparks must be prevented. Do not pressurise, cut, weld, drill, grind or otherwise expose containers to heat or sources of ignition. Avoid the accumulation of vapours in low or confined areas. Containers can burst violently or explode when heated, due to excessive pressure build-up. Refer to the 'Storage and shelf life information' in the product specification for storage advice.

10.5 Incompatible materials: No specific requirements under normal conditions of use. Avoid strong acids and strong alkalis.

10.6 Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced. However, heating may generate the following products: Carbon dioxide, Carbon monoxide and nitrous gases. Contents may develop pressure upon prolonged storage.

11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

Serious eye damage/irritation: Causes eye irritation

Skin corrosion/irritation: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

Respiratory or skin sensitization: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

STOT single exposure: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

Carcinogenicity: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

Reproductive toxicity: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

Aspiration hazard: Based on chemical structure not anticipated to present an aspiration hazard.

12: Ecological information

12.1 Toxicity: Based on available data, the classification criteria are not met and no known significant effects or critical hazards.

12.2 Persistence and degradability: According to the requirements of the EU Mandatory Standards for Detergents 82/242 (non-ionic surfactants) and 82/243/EEC (anionic surfactants), the surfactants contain in the products are biodegradable to at least 90% on average.

12.3 Bio accumulative potential: Not determined for the mixture.

12.4 Mobility in soil: Not determined for the mixture.

12.5 Results of PBT and vPvB assessment: This product does not contain any substances classified as PBT or vPvB.

12.6 Other adverse effects: Not known.

13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal: The generation of waste should be avoided or minimised, wherever possible. Empty packaging may retain some product residues. This material and its container must be disposed of in a safe way in accordance with local waste disposal requirements.

Hazardous waste: Waste is classified as hazardous waste. The generation of waste should be minimised or avoided, wherever possible. The material and its container must be disposed of in a safe way. Collect and dispose it suitable waste disposal containers and seal securely. Empty containers must not be punctured or incinerated because of the risk of an explosion. Dispose of waste in accordance with the requirements of local disposal requirements.

European waste catalogue (EWC)





Waste Code	Waste designation
20 01 13*	Solvents

Packaging

Methods of disposal: The generation of waste should be avoided or minimised wherever possible. waste packaging should be recycled.

Special precautions: None known

14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN number	UN1170	UN1170	UN1170	UN1170
14.2 UN proper shipping name	ETHANOL SOLUTION	ETHANOL SOLUTION	ETHANOL SOLUTION	ETHANOL SOLUTION
14.3 Transport hazard class(es)	3 	3 	3 	3 
14.4 Packing group	II	II	II	II
14.5 Environmental hazards	No.	No.	No.	No.
14.6 Special precautions for user	None.	None.	None.	None.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not applicable

15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation

Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable

National regulations Ireland: Safety, Health and Welfare at Work Act, 2005

European Communities (Classification, Packaging, Labelling and Notification of Dangerous Preparations) Regulations 1995 (S.I. 272 of 1995) as amended

15.2 Chemical Safety Assessment: Not applicable

16: Other information

Abbreviations and acronyms:

ADN = European Provisions concerning the International Carriage of dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of dangerous Goods by Road.
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DNEL = Derived No Effect Level
EC = European Commission
GHS = Globally Harmonised System
IATA = International Air transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OEL = Occupational Exposure Limit
PBT = Persistent, Bio-accumulative and Toxic
PNEC = Predicted No Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation [Regulation (EC) No. 1907/2006]
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
REACH # = REACH Registration Number
STOT= Specific Target Organ Toxicity
UN = United Nations
vPvB = Very Persistent and Very Bio-accumulative

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Notice to reader

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