SAFETY DATA SHEET
Airway Lubricant Spray Can (180ml)

SDS according to Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II-EU

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

Date issued	16.09.2014

1.1. Product identifier

Product name	Airway Lubricant Spray Can (180ml)
Article no.	252090

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

Use of the substance/preparation	Lubricant.

1.3. Details of the supplier of the safety data sheet

Distributor

Company name	Laerdal Medical AS
Postal address	Tanke Svilandsg 30
Postcode	4002
City	Stavanger
Country	Norway
Tel	+4751511700
Fax	+4751523557
E-mail	MelindaKay.Christensen@laerdal.no
Website	http://www.laerdal.no
Contact person	Melinda Kay Christensen

1.4. Emergency telephone number

Emergency telephone	Norwegian Poison Information Centre:22 59 13 00

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

Classification notes	Classification according to 67/548/EEC or 1999/45/EC: Not classified.
Classification notes CLP	Classification according to (EC) No.1272/2008: Not classified.

2.2. Label elements

Other Label Information (CLP)	NOT CLASSIFIED according to health-, fire- and environmental hazard.

2.3. Other hazards

PBT / vPvB	PBT/vPvB assessment has not been performed.
Health effect	May irritate eyes. May cause respiratory irritation.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
Glycerol	CAS no.: 56-81-5 EC no.: 200-289-5		60 - 100 %
Water	CAS no.: 7732-18-5		10 - 30 %

	EC no.: 231-791-2		

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Emergency telephone number: see section 1.4.
Inhalation	Fresh air and rest. Get medical attention if any discomfort continues.
Skin contact	Remove contaminated clothing. Flush skin thoroughly with water. Get medical attention if any discomfort continues.
Eye contact	Immediately flush with plenty of water or eyewash solution for up to 10 minutes. Remove any contact lenses. Hold the eyelids apart. Get medical attention if any discomfort continues.
Ingestion	Drink a few glasses of water or milk. Do not induce vomiting. Get medical attention if any discomfort continues.

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

Acute symptoms and effects	The chemical may irritate the respiratory tract and can cause coughing. Spray and vapour in the eyes may cause irritation and smarting. Ingestion of large quantities may cause headache, diarrhea and dizziness.

4.3. Indication of any immediate medical attention and special treatment needed

Other Information	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Powder, carbon dioxide, water spray.
Improper extinguishing media	Do not use water jet.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Not flammable, but combustible.
Hazardous combustion products	May include, but is not limited to: Carbon dioxide (CO2). Carbon monoxide (CO). Acrylic aldehyde.

5.3. Advice for firefighters

Personal protective equipment	Use compressed air equipment when the chemical is involved in fire. In case of evacuation, an approved protection mask should be used. See also section 8.
Other Information	If there is no risk involved, move the containers to a safe place. If not possible, cool with water from a safe position.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Provide adequate ventilation. Use protective equipment as referred to in section 8.

6.2. Environmental precautions

Environmental precautionary measures	Do not allow to enter into sewer, water system or soil.

6.3. Methods and material for containment and cleaning up

Cleaning method	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Small quantities can be wiped up using paper towels, rags or twist. Wash contaminated area with water and allow to dry. Risk for slippery surfaces if spilled out. Collect in suitable containers and deliver as waste according to section 13.

6.4. Reference to other sections

Other instructions	See also sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	Provide adequate ventilation. Avoid inhalation of vapours and contact with skin and eyes. Use protective equipment as referred to in section 8.

Protective Safety Measures

Safety Measures To Prevent fire	Smoking and naked flames and other ignition sources are prohibited.
Advice on general occupational hygiene	Do not eat, drink or smoke during work. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Keep container tightly closed. Store dry and cool in a well ventilated area.
Conditions To Avoid	Do not store near heat sources or expose to high temperatures.

Conditions for safe storage

Advice on storage compatability	Keep away from: Oxidizing agents.

7.3. Specific end use(s)

Specific use(s)	See section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Information about threshold limit values	Contains no substances with occupational exposure limit values.

8.2. Exposure controls

Limitation of exposure on workplace	Provide adequate ventilation. The personal protective equipment must be CE-marked and the latest version of the standards shall be used. The protective equipment and the specified standards recommended below are only suggestions, and should be selected on advice from the supplier of such equipment. A risk assessment of the work place/work activities (the actual risk) may lead to other control measures.

Respiratory protection

Respiratory protection	Normally not required. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with combination filter (type A2/P2).

Hand protection

Hand protection	Use protective gloves that are suitable for the application.
Reference to relevant standard	EN 374 (Protective gloves against chemicals and micro-organisms). EN 420 (Protective gloves. General requirements and test methods).
Suitable materials	Nitrile. Neoprene.
Breakthrough time	> 8 hours.

Eye / face protection

Eye protection	Wear approved, tight fitting safety glasses where splashing is probable.
Reference to relevant standard	EN 166 (Personal eye-protection. Specifications).

Skin protection

Skin protection (except hands)	Wear appropriate clothing to prevent repeated or prolonged skin contact.

Appropriate environmental exposure control

Environmental exposure controls	Do not allow to enter into sewer, water system or soil.

Other Information

Other Information	Emergency shower and eye wash facilities should be available at the workplace.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Colourless.
Odour	Odorless.
Comments, Odour limit	Not known.
pH (aqueous solution)	Value: ~ 7
Comments, Melting point / melting range	Not known.
Comments, Boiling point / boiling range	Not known.
Comments, Flash point	Not known.
Comments, Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Comments, Explosion limit	Not known.
Comments, Vapour pressure	Not known.
Comments, Vapour density	Not known.
Comments, Specific gravity	Not known.
Solubility in water	Completely soluble in water.
Comments, Partition coefficient: n-octanol / water	Not known.
Comments, Spontaneous combustability	Not known.
Comments, Decomposition temperature	Not known.
Comments, Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.

9.2. Other information

Other physical and chemical properties

Comments	No further information is available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	No test data available.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	None under normal conditions.

10.4. Conditions to avoid

Conditions to avoid	Strong heat may lead to decomposition.

10.5. Incompatible materials

Materials to avoid	Oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products	None under normal conditions. See also section 5.2.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity, Mixture estimate

Assessment of acute toxicity classification	Based on available data, the classification criteria are not met.

Potential acute effects

Inhalation	Vapours may irritate throat and respiratory system and cause coughing.
Skin contact	May cause slight irritation.
Eye contact	Spray and vapour in the eyes may cause irritation and smarting.
Ingestion	In large amounts: May cause headache, diarrhea and dizziness.
Irritation	Based on available data, the classification criteria are not met.
Corrosivity	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

Delayed effects / repeated exposure

Skin contact	Prolonged and repeated contact may cause skin irritation.
Sensitisation	Based on available data, the classification criteria are not met.
STOT-single exposure	Based on available data, the classification criteria are not met.
STOT-repeated exposure	Based on available data the classification criteria are not met.

Carcinogenic, Mutagenic or Reprotoxic

Carcinogenicity	Based on available data, the classification criteria are not met.
Mutagenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity	The chemical is not classified as harmful to the environment.

12.2. Persistence and degradability

Persistence and degradability	Expected to be readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	Not expected to bioaccumulate.

12.4. Mobility in soil

Mobility	The chemical is water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

PBT assessment results	PBT assessment has not been performed.
vPvB evaluation results	vPvB assessment has not been performed.

12.6. Other adverse effects

Other adverse effects / Remarks	Do not allow to enter into sewer, water system or soil.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Deliver to authorised waste vendor. The waste code (EWC-Code) is intended as a guide. The user must select a code if the use differs from the one mentioned below.
Product classified as hazardous waste	No
EWC waste code	EWC: 07 01 99 wastes not otherwise specified

SECTION 14: Transport information

14.1. UN number

Comments	Not considered as dangerous goods under UN, IMO, ADR/RID or IATA/ICAO regulations.

14.2. UN proper shipping name

Comments	Not relevant.

14.3. Transport hazard class(es)

Comments	Not relevant.

14.4. Packing group

Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.

14.6. Special precautions for user

Special safety precautions for user	Not relevant.

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

Pollution category	Not relevant.

SECTION 15: Regulatory information

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

References (laws/regulations)	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP-regulation) with later amendments. FOR 2002-07-16 nr 1139; Norwegian regulation on classification and labelling of dangerous chemicals with later amendments. Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II Safety Data Sheets. Norwegian regulation on exposure limits: FOR-2011-12-06-1358 Forskrift om tiltaksverdier og grenseverdier for fysiske og kjemiske faktorer i arbeidsmiljøet samt smitterisikogrupper for biologiske faktorer (forskrift om tiltaks- og grenseverdier). Norwegian regulations on waste, no. 930/2004, from Minestry of the Environment. Dangerous Goods regulations

15.2. Chemical safety assessment

Chemical safety assessment performed	No

SECTION 16: Other information

Supplier's notes	The information contained in this SDS must be made available to all those who handle the product.
Abbreviations and acronyms used	EWC = European Waste Code (a code from the EU's common classification system for waste) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative
Important data sources used to construct the safety data sheet	Suppliers Safety data sheet dated: 01.11.2005
Information which has been added, deleted or revised	New Safety Data Sheet.
Checking quality of information	This SDS is quality controlled by National Institute of Technology in Norway, certified according to the Quality Management System requirements specified in ISO 9001:2008.
Version	1
Responsible for safety data sheet	Laerdal Medical AS
Prepared by	National Institute of Technology as, Norway v/ Tonje D. Rongved