MATERIAL SAFETY DATA SHEET

Gert Strand AB

Product name:	Liquid Antifoam	**Version:**	2
Issue date:	08/10/2018	**Reason for change:**	Full review, new format and change of company name

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

1.1 Product Identifier

Substance Name:	Liquid Antifoam
Trade Name(s):	-
REACH Registration number:	-
CAS number:	-

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

Relevant identified uses:	Effective for use in both fermentation and distillation processes
Uses advised against:	None known

1.3 Details of the supplier of the safety data sheet

Company:	Gert Strand AB Box 50221 SE-20212 Malmö Sweden
Contact details:	Tel: +46 (0) 040-930010 Fax: +46 (0) 040-183025 gert@partyman.se
Opening Hours:	Monday-Thursday: 08:00 – 17:00 GMT Friday: 08:00 – 14:00 GMT

1.4 Emergency telephone number

Emergency telephone number:	Tel: +46 (0) 010-456 6700

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification under Regulation (EC) No 1728/2008	No hazards identified

2.2 Label Elements

Labelling according to regulation (EC) no 1272/2008

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Hazard pictograms:	-
Signal word:	-
Hazard Statements:	-
Precautionary statements:	-
2.3 Other hazards	
Hazards not otherwise classified:	-
SECTION 3: Composition / information on ingredients	
3.1 Substances	
Hazardous substance(s):	-
3.2 Mixtures	
Hazardous substance(s):	-
SECTION 4: First aid measures	
4.1 Description of first aid measures	
General Information:	-
Following inhalation:	Move patient into fresh air immediately. Rinse nose and mouth with water. Get medical attention if any irritation or discomfort develops.
Following skin contact:	Remove contaminated clothing/shoes immediately, clean and dry thoroughly before re-use. If on skin, wash thoroughly with soap and plenty of water. Consult a doctor if any discomfort or skin irritation develops.
Following eye contact:	Separate eyelids and rinse thoroughly with plenty of water for at least 15 minutes, while lifting the eyelids. Remove contact lenses before rinsing. Obtain medical attention.
Following ingestion:	Rinse mouth thoroughly with water. Seek medical help if any discomfort continues. Do not induce vomiting.
Self-protection of first-aider:	No data available
4.2 Most important symptoms and effects, both acute and delayed	

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Symptoms and effects:	No data available
Risks:	No data available
4.3 Indication of any immediate medical attention and special treatment needed	
Special treatment:	-
Note to doctor:	-
SECTION 5: Firefighting measures	
5.1 Extinguishing media	
Extinguishing media:	Use fire-extinguishing media suitable for the surrounding materials/fire.
Unsuitable extinguishing media:	-
5.2 Special hazards arising from the substance or mixture	
Specific hazards during firefighting:	-
Hazardous combustion products:	-
SECTION 6: Accidental release measures	
6.1 Personal precautions, protective equipment and emergency procedures	
Non-emergency personnel:	Use personal protective equipment as described in section 8.
For emergency responders:	Use personal protective equipment as described in section 8.
6.2 Environmental precautions	
Environmental precautions:	Do not discharge into drains or rivers.
6.3 Methods and material for containment and cleaning up	
Methods for cleaning up:	Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area.
Other information:	Avoid generation and spreading of dust. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible.

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6.4 Reference to other sections	
Reference to other sections:	Wear protective clothing as described in section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling	
Advice on safe handling:	Follow good handling and housekeeping procedures, avoid spills, accumulation of dust and generation of airborne dust. Avoid inhalation of dust and skin and eye contact. Wear protective gloves and safety glasses or goggles. Use in a well ventilated area.
Advice on protection against fire and explosion	-

7.2 Conditions for safe storage, including any incompatibilities	
Requirements for storage areas and containers:	Store in tightly closed original container in a dry, cool and well-ventilated place.
Further information on storage conditions:	-

7.3 Specific end use(s):	
Specific use(s):	See section 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

WEL (UK) – long term exposure limit:	No data available
WEL (UK) – short term exposure limit:	No data available

Components	CAS – No.	Value	Control parameters	Update	Basis
-	-	-	-	-	-

Further Information:	Where no specific short term exposure limit is stated, a figure three times the long term exposure limit should be used

8.2 Exposure control

Personal protective equipment (PPE):



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Engineering Controls:	Provide adequate ventilation. Observe occupational exposure limits and minimise the risk of inhalation of vapours.
Hand protection:	Suitable protective gloves should be worn when handling this product.
Eye protection:	If risk of splashing, wear safety goggles or face shield.
Skin and body protection:	Wear appropriate clothing to prevent any possibility of skin contact.
Hygiene measures:	Do not eat, drink or smoke in work area. Wash hands before breaks, smoking, using the toilet and at the end of workday. General industrial hygiene practice.
Environmental exposure controls:	
General advice:	Prevent from entering in public sewers or the immediate environment.

SECTION 9: Physical & Chemical Properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Form:	Viscous emulsion
Colour:	White / off-white
Odour:	Slight odour
Odour Threshold:	No data available
Flash point:	No data available
Lower explosion limit:	No data available
Upper explosion limit:	No data available
Flammability (solid, gas):	No data available
Oxidising properties:	No data available
Auto-ignition temperature:	> 680°C (Goldberg-Greenwald oven)
Decomposition temperature:	No data available

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pH:	6 - 10
Melting point / freezing point:	0 °C
Initial boiling point and boiling point range:	100 °C
Vapour pressure:	No data available
Relative density:	No data available
Bulk density:	1000 kg/m^3
Water solubility:	No data available
Solubility / qualitative:	Disperses
Viscosity, kinematic:	No data available
Relative vapour density:	No data available
Evaporation rate:	No data available
Explosive properties:	No data available
SECTION 10: Stability and reactivity	
10.1 Reactivity	
Reactivity:	Stable under normal temperature conditions
10.2 Chemical stability	
Chemical stability:	Stable under normal temperature conditions
10.3 Possibility of hazardous reactions	
Hazardous reactions:	No data available
10.4 Conditions to avoid	
Conditions to avoid:	Avoid excessive heat for prolonged periods of time
10.5 Incompatible Materials:	
Materials to avoid:	No data available
10.6 Hazardous decomposition products	

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Hazardous decomposition products:	Fire creates: carbon monoxide (CO), carbon dioxide (CO_2)

SECTION 11: Toxicology Information

11.1 Information on toxicological effects

Acute Oral Toxicity:

Product	Test	Species	Quantity	Exposure time
No data available	-	-	-	-

Acute inhalation toxicity:	No data available
Acute dermal toxicity:	No data available
Acute toxicity (other routes of administration)	No data available
Skin corrosion / irritation:	No data available
Serious eye damage / eye irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity (single exposure):	No data available
Specific target organ toxicity (repeated exposure):	No data available
Aspiration toxicity:	No data available
Additional information:	-

SECTION 12: Ecological information

12.1 Toxicity

Species	Test	Value	Exposure Time
No data available	-	-	-
Further information:		-	

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12.2 Persistence and degradability	
Biodegradability:	No data available
12.3 Bio accumulative potential	
Bioaccumulation:	No data available
12.4 Mobility in soil:	
Mobility in soil:	No data available
12.5 Results of PBT and vPvB assessment:	
Results of PBT and vPvB assessment:	No data available
12.6 Other adverse effects:	
Other adverse effects:	-
SECTION 13: Disposal considerations	
13.1 Waste treatment methods Waste disposal according to directive 2008/96/EC, covering waste and dangerous waste	
Product / packaging disposal:	Dispose of waste to licensed waste disposal site in accordance with local regulations and the requirements of the local Waste Disposal Authority.
Waste treatment – relevant information:	No data available
Sewage disposal – relevant information:	No data available
Other disposal recommendations:	-
SECTION 14: Transport information	
UN number:	-
UN proper shipping name:	-
Transport hazard class(es)	-
Packaging group:	-
Environmental hazards:	-
Special precautions for user:	-

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Transport in bulk according to Annex II of MARPOL and the IBC code:	-
SECTION 15: Regulatory information	
15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture	
Authorities and/or restrictions on use:	No data available
Other EU legislation:	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
National Regulations (EU):	No data available
Water contamination class (Germany):	No data available
15.2 Chemical Safety Assessment	
Chemical safety assessment:	No data available
SECTION 16: Other Information	
Full text of H-phrases referred to under sections 2 and 3:	No hazards identified

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