

SAFETY DATA SHEET

Regulation (EC) No 1272/2008 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Version 1
Product Name DISINFECTANT FOG LIQUID

Issue Date 26-Feb-2020
Revision date 26-Feb-2020

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

1.1. Product identifier

Product Name DISINFECTANT FOG LIQUID (FLD-01 FLD-02 FLD-04 FLD-05 FLD-06 FLD-10 FLD-20 FLD-200)
REACH registration number No information available

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

Recommended Use Used for smoke generator on the stage.
Uses advised against No information available

1.3. Details of the supplier of the safety data sheet

Supplier MOISTURE 22 CO., LTD.
Address 10,Lane 231, Nankan, Rd, Sec.1,Luchu,Tao Yuan City, Taiwan
Postal Code 33859
Phone 03-222-7470#206
FAX 03-222-7469
E-mail jackbai@airguard.com.tw

Importer
Address
Postal Code
Phone
FAX
E-mail

1.4. Emergency telephone number

03-2227470#206

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]
Not classified.

2.2. Label elements

Symbols/Pictograms None
Signal word None
Hazard Statements Not applicable
Precautionary Statements Not applicable
EU Specific Hazard Statements None.

2.3. Other hazards

This product contains no PBT/vPvB chemicals.

SECTION 3: Composition/information on ingredients

3.1 Mixture

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]

Water	231-791-2	7732-18-5	50-60	Not classified
o-Cymen-5-ol	221-761-7	3228-02-2	0.05-0.1	Not classified
Glycerol	200-289-5	56-81-5	35-50	Not classified
Tea tree oil	68647-73-4	285-377-1	0.1-0.3	Not classified
Eucalyptus radiata australiana	92201-64-4	295-995-3	0.05-0.1	Not classified
Cornmint oil	68917-18-0	290-058-5	0.05-0.1	Skin Irrit. 2;H315 Eye Irrit. 2;H319
Lemon Extract	84929-31-7	284-515-8	0.1-0.3	Not classified
Terpineol	8000-41-7	232-268-1	0.1-0.3	Eye Irrit. 2;H319 Skin Irrit. 2;H315

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice

Remove contaminated clothing and shoes. If symptoms persist, call a physician.

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Rinse mouth. Get medical attention. Never give anything by mouth to an unconscious person.

Self-protection of the first aider

First aider: Pay attention to self-protection. Use personal protection recommended in Section 8.

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

No information available.

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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

No information available.

5.2. Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating and toxic gases and vapors.

5.3. Advice for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Avoid breathing dust/fume/gas/mist/vapors/spray. Use personal protection recommended in Section 8.

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained. Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent 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 Section 7 for more information
See section 8 for more information
See section 13 for more information

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes or clothing. Wash contaminated clothing before reuse. Take precautionary measures against static discharges. Do not breathe dust/fume/gas/mist/vapors/spray. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Use personal protection recommended in Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep locked up and out of reach of children. Store in accordance with local regulations.

7.3. Specific end use(s)

Apart from the uses mentioned in SECTION 1.2 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

CAS No.	Ingredient	Exposure	
		Source	Value
7732-18-5	Water	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
56-81-5	Glycerol	OSHA	TWA 15 mg/m ³ (total dust) TWA 5 mg/m ³ (resp)
		ACGIH	TWA: 3 mg/m ³ (respirable) 10 mg/m ³ (mist)
		NIOSH	No established RELs
		Supplier	No Established Limit
3228-02-2	o-Cymen-5-ol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
68647-73-4	Tea tree oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
92201-64-4	Eucalyptus radiata australiana	OSHA	No Established Limit

		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
68917-18-0	Cornmint oil	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
84929-31-7	Lemon Extract	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit
8000-41-7	Terpineol	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

Contains mineral oil. The exposure limits for oil mist are 5 mg/m3 OSHA PEL and 10 mg/m3 ACGIH.

Derived No Effect Level (DNEL)

No information available

Predicted No Effect Concentration (PNEC)

No information available

8.2. Exposure controls

Engineering Controls

Showers. Eyewash stations. Ventilation systems. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/face protection	Wear safety glasses with side shields (or goggles).
Hand Protection	Wear protective gloves.
Skin and body protection	Suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	None under normal processing

Environmental exposure controls

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Color	No information available
Odor	No information available
Odor Threshold	Not determined
pH	5.5-6.5
Melting point/freezing point	Not determined
Boiling point / boiling range	Not determined
Flash/Fier point	Ca. 356°F 180°C Method:open cup
Evaporation rate	Not determined
Flammability (solid, gas)	Not determined
Explosive limits	Not determined

Flammability Limit in Air	Not determined
Vapor Pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Partition coefficient (LogPow)	Not determined
Autoignition temperature	Not determined
Decomposition temperature	>290°C
Kinematic viscosity	Not determined
Dynamic viscosity	Not determined
Explosive properties	Not an explosive
Oxidizing properties	Not determined

9.2. Other information

No information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Heat, flames and sparks.

10.5. Incompatible materials

Acids. Bases. Oxidizers.

10.6. Hazardous decomposition products

Decomposition products may include the following materials: carbon dioxide, carbon monoxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

CAS No.	Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
7732-18-5	Water	No data available	No data available	No data available	No data available	No data available
56-81-5	Glycerol	23,000.00, Mouse - Category: NA	56,750.00, Guinea Pig - Category: NA	No data available	No data available	No data available
3228-02-2	o-Cymen-5-ol	No data available	No data available	No data available	No data available	No data available

68647-73-4	Tea tree oil	No data available	No data available	No data available	No data available	No data available
92201-64-4	Eucalyptus radiata australiana	No data available	No data available	No data available	No data available	No data available
68917-18-0	Cornmint oil	No data available	No data available	No data available	No data available	No data available
84929-31-7	Lemon Extract	No data available	No data available	No data available	No data available	No data available
8000-41-7	Terpineol	No data available	No data available	No data available	No data available	No data available

Carcinogen Data

CAS No.	Ingredient	Source	Value
7732-18-5	Water	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
56-81-5	Glycerol	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
3228-02-2	o-Cymen-5-ol	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
68647-73-4	Tea tree oil	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
92201-64-4	Eucalyptus radiata australiana	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
68917-18-0	Cornmint oil	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
84929-31-7	Lemon Extract	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit
8000-41-7	Terpineol	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
		ACGIH	No Established Limit

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure

No information available.

Aspiration hazard

No information available.

SECTION 12: Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

CAS No.	Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
7732-18-5	Water	Not available	Not available	Not available
56-81-5	Glycerol	54,000.00, Oncorhynchus mykiss	1,955.00, Daphnia magna	Not available
3228-02-2	o-Cymen-5-ol	Not available	Not available	Not available
68647-73-4	Tea tree oil	Not available	Not available	Not available
92201-64-4	Eucalyptus radiata australiana	Not available	Not available	Not available
68917-18-0	Cornmint oil	Not available	Not available	Not available
84929-31-7	Lemon Extract	Not available	Not available	Not available
8000-41-7	Terpineol	Not available	Not available	Not available

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment information is not available as chemical safety assessment not conducted.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

14.1. UN number	Not regulated
14.2. UN proper shipping name	Not regulated
14.3. Transport hazard class(es)	Not regulated
14.4. Packing group	Not regulated
14.5. Environmental hazards	Not regulated
14.6. Special precautions for user	No information available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code Does not apply

SECTION 15: Regulatory information

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

REGULATION (EU) 2015/830 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

National Legislation

None noted.

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

This material safety data sheet complies with the requirements of Regulation (EC) No. 1272/2008

Issue Date	26-Feb-2020
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Revision Note	Not applicable

----- End of Safety Data Sheet -----

