

Safety Data Sheet
*acc. to SOR/2015-17 and OSHA 29 CFR Parts 1910, 1915,
1926*

1 Identification

- **Product identifier**
 - Trade name: ***BYE BYE FOAM Defoaming Agent***
 - **Article number:** 1388210001, 1388278001, 1388334001
 - **Recommended use** Defoamers, Anti-foaming agent
 - **Restrictions on use**
All other uses than those indicated on the product label and technical data sheet.
- **Details of the supplier of the safety data sheet**
 - **Manufacturer:**
Avmor LTD
950, Michelin
Laval, QC,
Canada
H7L 5C1
1-800-387-8074
www.avmor.com
 - **Client Identification Number** 119100
 - **Emergency telephone number:** CANUTEC 1-613-996-6666

2 Hazard(s) identification

- **Classification of the product:**



Skin Sens. 1 H317 MAY CAUSE AN ALLERGIC SKIN REACTION.

- **Label elements**

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning

- **Hazard-determining components of labeling:**

Mixture of: 5-chloro-2-methyl-2H-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

- **Hazard statements:**

H317 MAY CAUSE AN ALLERGIC SKIN REACTION.

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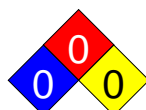
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· **Precautionary statements**

- P261 Avoid breathing dust, fume, gas, mist, vapors or spray.
- P280 Wear protective gloves and eye or face protection.
- P272 Contaminated work clothing must not be allowed out of the workplace.
- P302+P352 IF ON SKIN : Wash with plenty of water.
- P333+P313 IF SKIN IRRITATION OR RASH OCCURS: Get medical attention.
- P363 Wash contaminated clothing before reuse.
- P501 Dispose of contents and container in accordance with local, regional and national regulations.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



Health = 0
 Fire = 0
 Reactivity = 0

· **Hazard not otherwise classified** None

· **Notes:** For the wording of the listed abbreviations refer to section 16.

3 Composition/information on ingredients

· **Dangerous components:**

C A S
 (% w/w)

C o m p o n e n t

55965-84-9	Mixture of: 5-chloro-2-methyl-2H-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)	0.0015-<0.06%
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4 First-aid measures

· **General information:**

· **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation. Get medical attention.

· **After skin contact:** Immediately wash with water and soap and rinse thoroughly.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After ingestion:** If symptoms persist consult a doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

5 Fire-fighting measures

· **Suitable extinguishing media**

· **Suitable extinguishing media**

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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· **Specific hazards arising from the product**

In case of accidental fire and extreme heat conditions, the following gaseous products can be released after water evaporation: hydrocarbons, carbon monoxides and dioxides (COx) and nitrogen dioxide (NOx).

· **Advice for firefighters**

· **Special protective equipment and precautions for fire-fighters** No special measures required.

· **Additional information** This product is not flammable.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures**

Wear recommended protective equipment(s). Keep unprotected persons away.

· **Environmental precautions:** No special measures required.

· **Methods and material for containment and cleaning up:**

Surround and absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Ensure adequate ventilation.

7 Handling and storage

· **Handling:**

· **Precautions for safe handling**

Ensure good ventilation at the workplace.

Prevent formation of aerosols.

· **Conditions for safe storage, including any incompatibilities**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required.

· **Conditions for safe storage, including any incompatibilities** None.

· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Appropriate engineering controls** Ensure appropriate aeration and ventilation.

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls**

· **Personal protective equipment:**



Protective gloves

· **General protective and hygienic measures:**

Avoid contact with the eyes and skin.

Immediately remove all soiled and contaminated clothing.

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- Wash hands before breaks and at the end of work.
- Avoid breathing dust, fume, gas, mist, vapors or spray.
- **Breathing equipment:** Not required.
- **Protection of hands:** Protective gloves
- **Eye protection:** Goggles recommended during refilling.
- **Body protection:** No special measures required.

9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
· Form:	Opaque Liquid
· Colour:	White
· Odour:	Odourless.
· Odour threshold:	Not determined.
· pH-value at 25 °C:	5.0-6.7
· Change in condition	
· Melting point/Melting range:	Undetermined.
· Boiling point/Boiling range:	> 35 °C
· Flash point:	Not determined.
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	Not determined.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
· Lower:	Not determined.
· Upper:	Not determined.
· Vapour pressure at 20 °C:	23 hPa
· Density at 25 °C:	0.995-1.005 g/cm ³
· Relative density	Not determined.
· Vapour density (air=1)	<1 (aqueous solution)
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· Water:	Fully miscible
· Partition coefficient (n-octanol/water): Not determined.	
· Viscosity:	
· Dynamic:	Not determined.

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- **Solvent content:**
- **Organic solvents:** 0.3 %

10 Stability and reactivity

- **Reactivity** Not determined.
- **Chemical stability**
 - **Thermal decomposition / conditions to be avoided:**
 No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** Avoid freezing and extreme heat conditions.
- **Incompatible materials:** This product may react with strong oxidizing agents.
- **Hazardous decomposition products:**
 In case of decomposition: carbon monoxide and carbon dioxide and traces of volatile halogenated compounds.

11 Toxicological information

- **Information on the likely routes of exposure** Skin and eyes contact
- **Acute toxicity:**
 - **Symptomes related to the physical, chemical and toxiological characteristics**
 - **by inhalation:**
 Vapours may cause irritation to the airways. Inhalation of larger amounts may induce discomfort, nausea, dizziness, headache, narcosis, and unconsciousness.
 - **If on the skin:** May cause irritation by prolonged contact with skin.
 - **after ingestion:** May cause irritation of the gastrointestinal tract, nausea, vomiting and headache.
 - **Sensitization:** Sensitization possible through skin contact.
 - **Delayed and immediate effects, and chronic effects from short-term and long-term exposure**
 Prolonged or frequent contact can cause eczema and inflammation of the skins as a results of degreasing.
- **Additional toxicological information:**
 The product shows the following dangers according to internally approved calculation methods for preparations:
 Irritant
- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
102-71-6	Triethanolamine	3
50-00-0	formaldehyde	1
111-42-2	2,2'-iminodiethanol	2B
· NTP (National Toxicology Program)		
50-00-0	formaldehyde	K

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12 Ecological information

- **Persistence and degradability**
Organic compounds of this product are readily biodegradable according to the OECD Guideline 301.
- **Behavior in environmental systems:**
 - **Bioaccumulative potential** Does not accumulate in organisms
 - **Mobility in soil** No further relevant information available.
- **Ecotoxicity** No relevant information available
 - **General notes:** Not known to be hazardous to water.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system unless significantly diluted or neutralized.
- **Uncleaned packagings:**
 - **Recommendation:** Disposal must be made according to official regulations.
 - **Recommended cleansing agent:** Water.

14 Transport information

· DOT, ADN, IMDG, IATA	Not regulated.
· UN proper shipping name · DOT	Not regulated.
· Transport hazard class(es) · Class	Not regulated.
· Packing group · DOT	Not regulated.
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· Chemicals known to cause cancer:	
50-00-0	formaldehyde
111-42-2	2,2'-iminodiethanol
· Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	

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· Chemicals known to cause developmental toxicity:		
67-56-1	Methanol	
· EPA (Environmental Protection Agency)		
50-00-0	formaldehyde	B1
· TLV (Threshold Limit Value established by ACGIH)		
50-00-0	formaldehyde	A2
111-42-2	2,2'-iminodiethanol	A3
· NIOSH-Ca (National Institute for Occupational Safety and Health)		
50-00-0	formaldehyde	

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of creation/last revision:** 06/23/2015

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1