

## 1- PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product identifier

Product name	ACTIFISH
Product Code	018274
CAS number	No registration needed
EC number	No registration needed

### 1.2. Recommended use of the product and restrictions on use

Recommended use	For further manufacturing use only
Uses advised against	Not for human or animal drug use.

### 1.3. Details of the supplier of the safety data sheet

Company Address	IMV Technologies France ZI N°1 Est FR-61300 Saint Ouen sur Iton
Telephone	+33 (0) 2 33 34 64 64
Fax	+33 (0) 2 33 34 11 98
Contact email	<a href="mailto:contact@imv-technologies.com">contact@imv-technologies.com</a>

### 1.4. Emergency telephone number

Telephone	CHEMTREC 1-800-424-9300
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## 2- HAZARD IDENTIFICATION

### 2.1. Classification of the substance or the mixture.

#### Classification of the substance according to CLP (1272/2008/EC)

The mixture is not classified according the CLP Regulation

### 2.2. Label elements according to the regulation EC No 1272/2008 (CLP)

Hazard pictograms	NA
Hazard statement	May cause irritation through skin-, eye-, mucus contact. Prolonged exposure may cause allergic reactions in sensitive individuals
Precautionary statement - prevention	NA
Precautionary statement - response	NA
Additional labeling	NA

### 2.3. Other hazards

None

## 3- COMPOSITION/INFORMATION ON INGREDIENTS

The mixture does not contain any compounds considered hazardous under EU regulations with individual concentration  $\geq 1\%$ .

Composition: ultra-pure water, glycine salts, caffeine, biological buffer, antibiotic <0.05%: gentamicin sulfate

## 4- FIRST AID MEASURES

### 4.1. Description of first aid measures

General descriptions	The product contains no substance which is considered as being hazardous to health, at the present concentration.
After inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, perform artificial respiration. Consult a physician.
After skin contact	Wash with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation occurs consult a physician.
After eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
After ingestion	Never give anything by mouth to an unconscious person. Rinse the mouth with water measure

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

Not determined

### 4.3. Indication of immediate medical attention and special treatment

Treat symptomatically

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## 5- FIRE-FIGHTING MEASURES

5.1. Extinguishing media	Appropriate : use extinguishing measures that are appropriate to local circumstances and the surrounding environment Inappropriate : not determined
5.2. Special hazards arising from the substance or mixture	No information available
5.3. Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary and full protective gear

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## 6- ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions	Use personal protective equipment. Avoid contact with skin and eyes.
6.2. Methods for cleaning up	Soak up with inert absorbent material for liquids. Pick up and transfer to properly labeled containers.
6.3 Environmental precautions	Prevent further leakage or spillage if safe to do so See Section 12 for additional information

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## 7- HANDLING AND STORAGE

7.1. Handling	Avoid contact with skin and eyes. Always wear recommended personal protective equipment. Handle in accordance with good manufacturing practice.
7.2. Storage	Store away from heat or direct sunlight. Store between +2°C and +8°C. Can be transported at temperatures between +2°C and +30°C. Keep container tightly closed when not in use.
7.3. Specific end use	No others ; see 1.2

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## 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Controls parameters	The product does not contain any hazardous materials with occupational exposure limits established.
8.2. Exposure controls	
Appropriate Engineering controls	General industrial hygiene practice. Ensure adequate ventilation, especially in confined areas

## Personal protective equipment

Eye protection	Wear safety glasses with side shields tested and approved by government standards such as NIOSH or EN 166.
Hand protection	Wear impervious protective gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid skin contact with this product (without touching glove's outer surface). Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practice. Wash and dry hands.
Skin protection	Wear lightweight protective clothing. The type of protective equipment must be selected according to the concentration and amount of the hazardous substance at the specific workplace.
Respiratory protection	Respiratory protection is not required. Only in case of insufficient ventilation, wear suitable respiratory equipment in accordance with local current regulations.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
<b>Environmental exposure controls</b>	Prevent product from entering drains.

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## 9- PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information of basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	None
<b>Odor threshold</b>	No information available
<b>pH</b>	8.4 – 9.0
<b>Melting point/range</b>	No information available
<b>Boiling point/range</b>	No information available
<b>Flashpoint</b>	No information available
<b>Evaporation rate</b>	No information available
<b>Auto-ignition</b>	No information available
<b>Temperature Flammability</b>	No information available
<b>Upper/lower flammability or explosive limits</b>	No information available
<b>Vapor pressure</b>	No information available
<b>Vapor density</b>	No information available
<b>Relative density</b>	No information available
<b>Water solubility</b>	Soluble in water

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## 10- STABILITY AND REACTIVITY

### Decomposition materials

<b>10.1 Reactivity</b>	No information available
<b>10.2. Chemical stability</b>	Stable under the recommended storage and use conditions
<b>10.3. Possibility of hazardous reactions</b>	None under normal processing
<b>10.4. Conditions to avoid</b>	No information available
<b>10.5. Incompatible materials</b>	No information available
<b>10.6. Hazardous</b>	No information available

## 11- TOXICOLOGICAL INFORMATION

### 11.1. Information or toxicological effects

<b>Acute toxicity</b>	<u>Acute toxicity values</u> :
<b>Corrosiveness</b>	No information available
<b>Irritation</b>	No information available
<b>Sensitization</b>	No information available
<b>STOT-repeated exposure</b>	No information available
<b>Germ cell mutagenicity</b>	No information available
<b>Carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
<b>Reproductive toxicity</b>	No information available.
<b>STOT-single exposure</b>	No information available

**11.2. Other information**                      None

## 12- ECOLOGICAL INFORMATION

<b>Toxicity</b>	No information available
<b>Persistence and degradability</b>	No information available
<b>Bioaccumulation potential</b>	No information available
<b>Mobility in the soil</b>	No information available
<b>Results of PBT and vPvB assessment</b>	Not applicable
<b>Other adverse effects</b>	No information available

## 13- DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**                      Dispose of the product according to local regulations. Do not reuse empty container.

## 14- TRANSPORT INFORMATION

	<b>Overland transport</b>	<b>River transport (ADN)</b>	<b>Sea transport (IMDG)</b>	<b>Air transport (ICAO-TI)</b>
<b>14.1. UN Number</b>				Not regulated
<b>14.2. UN proper shipping name</b>				Not regulated
<b>14.3. Transport hazard classes</b>				Not regulated
<b>14.4. Packing group</b>				Not regulated
<b>14.5. Environmental hazards</b>				Not regulated
<b>14.6. Classification</b>				Not regulated
<b>14.7. Classification code</b>				Not regulated

<b>14.8. Danger sheet</b>	Not regulated
<b>14.9. Limited amount (LQ)</b>	Not regulated
<b>14.10. Additional information</b>	Not applicable
<b>14.11. Special precautions for user</b>	No information available
<b>14.12. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	No information available

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## 15- REGULATORY INFORMATION

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

#### U.S. Regulations

SARA 313: This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

California proposition 65: This product does not contain any Proposition 65 chemicals.

#### REACH 1907/2006/EC

Candidate list of substances of very high concern for authorization (article 59): This product does not contain substances of very high concern 1907/2006/EC

List of substances subject to authorization (annex XIV): not concerned

**15.2. Chemical safety assessment** No information available

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## 16- OTHER INFORMATION

### 16.1. Indication of the revision

Creation of the SDS on 22/11/2005 in conformity with REACH regulation 1907/2006 (EC).

Revision date: 05/08/2016

### 16.2. Abbreviations and acronyms

**ADN/ADNR** : Regulations concerning the transport of dangerous substances in barges on inland waterways.

**ADR/RID** : European Agreement concerns the international Carriage of dangerous goods by road/Regulations concerning the international carriage of dangerous goods by rail.

**ANSI** : American National Standards Institute

**CAS N°** : Chemical Abstract Service Number

**CFR** : Code of Federal Regulations

**CLP** : Classification, Labeling, and Packaging

**DSD** : Dangerous Substance Directive

**DPD** : Dangerous Preparation Directive

**EC No.** : European Commission Number

**IATA** : International Air Transport Associations

**IMDG** : International Maritime Dangerous Goods code

**NFPA** : National Fire Protection Association

**PBT** : Persistent, Bioaccumulative, Toxic

**RCRA** : The Resource Conservation

**UN N°** : United Nations Number

**UVCB** : Substances of Unknown or Variable composition, Complex reaction products or Biological materials

**vPvB** : very Persistent and very Bioaccumulative

**WHMIS** : Workplace Hazardous Materials Information System

**16.3. Key literature references and sources for data**      No information available

**16.4. Training advice**      See IFU for this product

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**Disclaimer**

*The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*