

# SAFETY DATA SHEET



Date Issued : 19/08/2021  
MSDS No : Extraction Mix  
Date Revised : 19/08/2021  
Revision No : 01

## 1. PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product identifier

**Product Reference** BE00759  
**Product Name** Extraction Mix  
**EC No** -  
**CAS-No** -

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

**Identified uses** No information available.  
**Uses advised against** No information available.

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

**Supplier** Vitrolife Sweden AB  
**Web:** www.vitrolife.com  
Gustaf Werners gata 2, SE-421 32  
Västra Frölunda, Sweden (visiting address).  
Box 9080, SE-400 92  
Göteborg, Sweden (postal address).  
**Customer Service:** +46 31 721 8000

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### **Regulation (EC) No 1272/2008**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.2. Label elements

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

#### **Hazard statements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

### 2.3. Other hazards

No information available

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1. Substances

Not applicable

### 3.2. Mixtures

**Full text of H- and EUH-phrases: see section 16**

#### **Acute toxicity estimate**

**No information available**

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

**Inhalation** Remove to fresh air.

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin contact</b> | Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.                 |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water  |

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

**Symptoms** No information available.

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

**Note to physicians** Treat symptomatically.

### **5. FIRE FIGHTING MEASURES**

#### **5.1. Extinguishing media**

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

**Large fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

#### **5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** No information available.

#### **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### **6. ACCIDENTAL RELEASE MEASURES**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

#### **6.2. Environmental precautions**

**Environmental precautions** See section 12 for additional ecological information.

#### **6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

#### **6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

### **7. HANDLING AND STORAGE**

#### **7.1. Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

#### **7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions** Keep container tightly closed in a dry and well-ventilated place.

#### **7.3. Specific end use(s)**

## Identified uses

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

**Exposure limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Biological occupational exposure limits

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL)** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

### 8.2. Exposure controls

#### Personal protective equipment

**Eye/Face Protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

|                        |                          |
|------------------------|--------------------------|
| <b>Physical state</b>  | Liquid                   |
| <b>Appearance</b>      | Clear, colourless        |
| <b>Colour</b>          | No information available |
| <b>Odour</b>           | Odourless                |
| <b>Odour threshold</b> | No information available |

| <b>Property</b>                         | <b>Values</b>            | <b>Remarks / Method</b>  |
|---|--------------------------|--------------------------|
| <b>Melting point / freezing point</b>   | No data available        | None known               |
| <b>Boiling point/boiling range (°C)</b> | No data available        | None known               |
| <b>Flammability (solid, gas)</b>        | No data available        | None known               |
| <b>Flammability limit in air</b>        |                          | None known               |
| <b>Upper flammability limit:</b>        | No data available        |                          |
| <b>Lower flammability limit:</b>        | No data available        |                          |
| <b>Flash point</b>                      | No data available        | Open cup                 |
| <b>Autoignition temperature</b>         | 392.8 °C                 | None known               |
| <b>Decomposition temperature</b>        |                          | None known               |
| <b>pH</b>                               | No data available        | None known               |
| <b>pH (as aqueous solution)</b>         | No data available        | No information available |
| <b>Kinematic viscosity</b>              | No data available        | None known               |
| <b>Dynamic viscosity</b>                | No data available        | None known               |
| <b>Water solubility</b>                 | No data available        | None known               |
| <b>Solubility in other solvents</b>     | No data available        | None known               |
| <b>Partition coefficient</b>            | No data available        | None known               |
| <b>Vapor pressure</b>                   | No data available        | None known               |
| <b>Relative density</b>                 | No data available        | None known               |
| <b>Bulk density</b>                     | No data available        |                          |
| <b>Liquid density</b>                   | No data available        |                          |
| <b>Vapour density</b>                   | No data available        | None known               |
| <b>Particle characteristics</b>         |                          |                          |
| <b>Particle size</b>                    | No information available |                          |
| <b>Particle size distribution</b>       | No information available |                          |

### 9.2. Other information

### 9.2.1. Information with regard to physical hazard classes

Not applicable

### 9.2.2. Other safety characteristics

Not applicable

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

**Reactivity** No information available.

### 10.2. Chemical stability

**Stability** Stable under normal conditions.

### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** None under normal processing.

### 10.4. Conditions to avoid

**Conditions to avoid** None known based in information supplied.

### 10.5. Incompatible materials

**Incompatible materials** None known based in information supplied.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** None known based in information supplied.

## 11. TOXICOLOGY INFORMATION

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Information on likely routes of exposure

#### Product Information

**Inhalation** Specific test data for the substance or mixture is not available.

**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

#### Symptoms related to the physical, chemical and toxicology characteristics

**Symptoms** No information available.

#### Numerical measures if toxicity

Acute toxicity

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Reproductive toxicity** No information available.

**STOT - Single exposure** No information available.

**STOT - Repeated exposure** No information available.

**Aspiration hazard** No information available.

### **11.2. Information on other hazards**

#### **11.2.1. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

#### **11.2.2. Other Information**

**Other adverse effects** No information available.

## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

#### **Ecotoxicity**

**Unknown aquatic toxicity** Contains 0% of components with unknown hazards to the aquatic environment.

### **12.2. Persistence and degradability**

**Persistence and degradability** No information available.

### **12.3. Bioaccumulative potential**

**Bioaccumulation** There is no data for this product.

### **12.4. Mobility in soil**

**Mobility in soil** No information available.

### **12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** No information available.

### **12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

### **12.7. Other adverse effects**

No information available

## **13. DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with the environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## **14. TRANSPORT INFORMATION**

### **IATA**

**14.1 UN number or ID number** Not regulated  
**14.2 UN proper shipping name** No information available  
**14.3 Transport hazard class(es)** Not regulated  
**14.4 Packing group** Not regulated  
**14.5 Environmental hazards** Not applicable  
**14.6 Special precautions for user special provisions** None

### **IMDG**

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

**14.7 Maritime transport in bulk according to IMO instruments** No information available

**RID**

**14.1 UN number or ID number** Not regulated  
**14.2 UN proper shipping name** No information available  
**14.3 Transport hazard class(es)** Not regulated  
**14.4 Packing group** Not regulated  
**14.5 Environmental hazards** Not applicable  
**14.6 Special precautions for user special provisions** None

**ADR**

**14.1 UN number or ID number** Not regulated  
**14.2 UN proper shipping name** No information available  
**14.3 Transport hazard class(es)** Not regulated  
**14.4 Packing group** Not regulated  
**14.5 Environmental hazards** Not applicable  
**14.6 Special precautions for user special provisions** None

**15. REGULATORY INFORMATION**

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

**European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

**TSCA** -  
**DSL/NDSL** -  
**EINECS/ELINCS** -  
**ENCS** -  
**IECSC** -  
**KECL** -  
**PICCS** -  
**AICS** -

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**15.2. Chemical safety assessment**

**Chemical safety assessment** No information available

**16. OTHER INFORMATION**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend**

SVHC: Substances of Very High Concern for Authorization:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**TWA** Time Weighted Average

**STEL** Short Term Exposure Limit

**Ceiling** Maximum limit value  
\* Skin designation

| <b>Classification procedure</b>                                 |                    |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method used        |
| Acute oral toxicity   | Calculation method |
| Acute dermal toxicity   | Calculation method |
| Acute inhalation toxicity - gas                                 | Calculation method |
| Acute inhalation toxicity - vapor                               | Calculation method |
| Acute inhalation toxicity - dust/mist                           | Calculation method |
| Skin corrosion/irritation                                       | Calculation method |
| Serious eye damage/eye irritation                               | Calculation method |
| Respiratory sensitization                                       | Calculation method |
| Skin sensitization  | Calculation method |
| Mutagenicity  | Calculation method |
| Carcinogenicity   | Calculation method |
| Reproductive toxicity   | Calculation method |
| STOT - single exposure  | Calculation method |
| STOT - repeated exposure  | Calculation method |
| Acute aquatic toxicity  | Calculation method |
| Chronic aquatic toxicity  | Calculation method |
| Aspiration hazard   | Calculation method |
| Ozone   | Calculation method |

#### **Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AEGLS)  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCLID)  
Japan GHS Classification  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

#### **This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

**REASON FOR ISSUE:** Official

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**REVISION SUMMARY:** Not applicable

**ADDITIONAL SDS INFORMATION:** The data in this Safety Data Sheet relates only to the specific material designated herein.

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