



Safety Data Sheet

Easykit mitochondrial activity

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1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY UNDERTAKING

1.1. Product identifier

Product name / Designation **Easykit mitochondrial activity**

Chemical Description -

CAS number -

EC number -

Index number -

Registration number -

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

Relevant identified uses Determination of the percentage of sperm with high mitochondrial potential.

1.3. Details of the supplier of the safety data sheet

Name IMV Technologies France

Address ZI N°1 Est
61300 SAINT OUEN SUR ITON
France

Telephone +33 (0) 2 33 34 64 64

Fax -

Contact email contact@imv-technologies.com

1.4. Emergency telephone number

Telephone Outside the U.S.: 1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or the mixture

2.1.1. Classification of the substance according to DPD (1999/45/EC)

The mixture is not classified according to Directive DPD (1999/45/EC)

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

The mixture is not classified according to the CLP Regulation ((EC) No. 1272/2008)



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2.2. Label elements according to the regulation (EC) n° 1272/2008 (CLP)

Hazard pictograms	-
Signal word	-
Hazard statements	-
Precautionary statements	-

2.3. Other hazards

May be harmful by inhalation, ingestion or skin contact. May cause irritation of the respiratory tract and eyes.

3. COMPOSITION/INFORMATION ON INGREDIENTS

The mixture does not contain any compounds considered hazardous under EU regulations.

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 doctor.
After skin contact	Wash with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.
After eye contact	Rinse cautiously with water for several minutes as a precautionary measure.
After ingestion	Never give anything by mouth to an unconscious person. Rinse the mouth with water.

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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Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: Respiratory protection is not required. If a protection against dusts is required, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved by government standards such as NIOSH (US) or CEN (EU).

Hygiene measures: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing.

Environmental exposure controls Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information of basic physical and chemical properties

- Physical state	Powder
- Colour	Not available
- Odour	Not available
- Odour threshold	Not available
- pH	Not available
- Melting point / range	Not available
- Boiling point / range	Not available
- Flashpoint	Not available
- Evaporation rate	Not available
- Auto-ignition temperature	Not available



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- | | |
|--|---------------|
| - Flammability | Not available |
| - Upper/Lower flammability or explosive limits | Not available |
| - Vapour pressure | Not available |
| - Vapor density | Not available |
| - Relative density | Not available |
| - Water solubility | Not available |
| - Other solvents | Not available |
| - Partition coefficient n-Octanol/Water (log $P_{O/W}$) | Not available |
| - Decomposition temperature | Not available |
| - Viscosity | Not available |
| - Explosion properties | Not available |
| - Oxidizing properties | Not available |

9.2. Other information

None

10. STABILITY AND REACTIVITY

- | | |
|---|--|
| 10.1. Reactivity | Not available |
| 10.2. Chemical stability | Stable under the recommended storage and use conditions. |
| 10.3. Possibility of hazardous reactions | Not available |
| 10.4. Conditions to avoid | Not available |
| 10.5. Incompatible materials | Strong oxidizers |
| 10.6. Hazardous decomposition materials | Not available |



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11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity	<u>Acute toxicity values:</u> Dimethylsulfoxide Oral LD ₅₀ (rat): 14500 mg/kg
Corrosiveness	Not available
Irritation	Components of this product present at low concentrations can be absorbed through the skin. They can cause irritation of the skin and eyes in sensitive individuals.
Sensitisation	Not available
STOT-repeated exposure	Not available
Germ cell mutagenicity	Not available
Carcinogenicity	No component of this product is present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity	Not available
STOT-single exposure	Not available
Aspiration hazard	Not available

11.2. Other information

None

12. ECOLOGICAL INFORMATION

12.1. Toxicity	Not available
12.2. Persistence and degradability	Not available
12.3. Bioaccumulation potential	Not available
12.4. Mobility in the soil	Not available
12.5. Results of PBT and vPvB assessment	Not applicable
12.6. Other adverse effects	Not available



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12.7. Additional information Not available

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods Product
Offer surplus and non-recyclable solutions to a licensed disposal company.
Contaminated packaging
Dispose of with unused product

13.2. Waste code numbers Not available

14. TRANSPORT INFORMATION

	Overland transport (ADR/RID)	River transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN Number	Not regulated			
14.2. UN proper shipping name	Not regulated			
14.3. Transport hazard classes	Not regulated			
14.4. Packing group	Not regulated			
14.5. Environmental hazards	Not regulated			
14.6. Classification	Not regulated			
14.7. Classification code	Not regulated			
14.8. Danger sheet	Not regulated			
14.9. Limited amount (LQ)	Not regulated			
14.10. Additional information	-			

14.11. Special precautions for user
Not available



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14.12. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not available

15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture Not available

15.2. Chemical safety assessment Not available

16. OTHER INFORMATION

16.1. Indication on the revision

Creation of the SDS on the 26th of June 2013 in conformity with Reach regulation 1907/2006 (EC)

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^o.: 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



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RCRA: The Resource Conservation and Recovery Act

UN N^o.: 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

Not available

16.4. Classification of mixtures und applied evaluation method

The classification is determined and evaluated according to the classification criteria of the Dangerous Preparations Directive 1999/45/EC.

16.5. Wording of the R- and H- phrases (which are not written in full under section 2 to 15)

Risk phrases: -

H statements: -

16.6. Training advice

Unavailable

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. By using suitable industrial safety precautions, it is paramount to make sure that the relevant exposition measures at the work place are adhered to, and negative health effects are avoided.