



# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 1/9

## 1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY UNDERTAKING

### 1.1. Product identifier

Product name /  
Designation                      **Easykit oxidation molecule D**

Chemical Description            -

CAS number                        -

EC number                         -

Index number                     -

Registration number            -

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

Relevant identified              To quantify ROS (reactive oxygen species) in the sperm.  
uses

### 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)



# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 2/9

### 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 cause irritation to eyes and skin in sensitive individuals.  
May be harmful by inhalation and if swallowed.

## 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 substances which are considered to be hazardous to health. Consult a physician if you feel unwell. Remove and wash contaminated clothing before reuse.
After inhalation	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Consult a physician if you feel unwell.
After skin contact	Wash with soap and plenty of water. If skin irritation occurs: Get medical advice/attention in case of irritation.
After eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if they can be easily removed. Continue to rinse. If eye irritation persists: Consult an ophthalmologist.
After ingestion	Never administer anything by mouth to an unconscious person. If symptoms persist, consult a doctor.

### 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



# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 3/9

### 5. FIREFIGHTING MEASURES

- 5.1. Extinguishing media**      Appropriate: Water spray, carbon dioxide (CO<sub>2</sub>), foam, dry chemical powder.  
Inappropriate: not determined
- 5.2. Special hazards arising from the substance or mixture**      None known
- 5.3. Advice for firefighters**      Wear self-contained breathing apparatus for firefighting if necessary.

### 6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**      Wear protective gloves/protective clothing/eye protection/face protection.
- 6.2. Environmental precautions**      Do not let the product get into sewers, surface water or groundwater.
- 6.3. Methods and material for containment and cleaning up**      Pick up mechanically in suitable containers for disposal. Stop leaks and spills if possible.
- 6.4. Reference to other sections**      Refer to sections 7, 8 and 13.

### 7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling**      Wear protective gloves / protective clothing / equipment for eye protection / face protection.
- 7.2. Conditions for safe storage, including any incompatibilities**      Use tightly sealed labeled containers and store them in a dry and well-ventilated space.
- 7.3. Specific end use(s)**      Not available

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters**  
The product does not contain any hazardous materials with occupational exposure limits established.
- 8.2. Exposure controls**



# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 4/9

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye protection: Wear safety glasses with side shields.

Hand protection: Wear gloves.

Skin and body protection: Wear lightweight protective clothing.

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

Prevent product from entering drains.

## 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
- Flammability	Not available
- Upper/Lower flammability or explosive limits	Not available



## Safety Data Sheet Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 5/9

- 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** No hazardous polymerization reactions
- 10.4. Conditions to avoid** Not available
- 10.5. Incompatible materials** Not available
- 10.6. Hazardous decomposition materials** Not available



# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 6/9

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

Acute Toxicity	<u>Acute toxicity values:</u> Dimethylsulfoxide Oral LD <sub>50</sub> (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 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	The components of this product are inherently biodegradable.
12.3. Bioaccumulation potential	The components of this product show no bioaccumulation.
12.4. Mobility in the soil	Not available
12.5. Results of PBT and vPvB assessment	Not applicable
12.6. Other adverse	Not available



# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 7/9

### effects

**12.7. Additional information** Not available

## 13. DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods** Eliminate the product according local regulations.

**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)
<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>	-			



# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 8/9

### 14.11. Special precautions for user

Not available

### 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

#### U.S. Federal Regulations

##### SARA 313

The components of this product are not regulated by SARA 313.

##### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contains HAPs.

#### U.S. State Regulations

##### California Proposition 65

This product does not contain chemicals listed under Proposition 65

#### WHMIS hazard class

Non-controlled

### 15.2. Chemical safety assessment

Not available

## 16. OTHER INFORMATION

### 16.1. Indication on the revision

Creation of the SDS on the 26<sup>th</sup> of June 2013 according to 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<sup>o</sup>.: Chemical Abstract Service Number

CFR: Code of Federal Regulations

CLP: Classification, Labeling and Packaging

DSD: Dangerous Substance Directive

DPD : Dangerous Preparation Directive





# Safety Data Sheet

## Easykit oxidation molecule D

Version : 1.0  
Revision date: 26/06/2013  
Page 9/9

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 and Recovery Act

UN N<sup>o</sup>.: 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

None

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.