

1- PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name	PrimXcell
Product Code	021055, 021056, 021057, 021059
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	contact@imv-technologies.com

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	None
Hazard statement	None
Precautionary statement - prevention	None
Precautionary statement - response	None
Additional labeling	None

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 $\geq 1\%$.

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

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

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

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

Keep the sachet in their origin cardboard box, in dry place between +2 and +8 °C, away from light.

7.3. Specific end use

No others ; see 1.2

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.
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
Color	White
Odor	No information available
Odor threshold	No information available
pH	No information available
Melting point/range	No information available
Boiling point/range	No information available
Flashpoint	No information available
Evaporation rate	No information available
Auto-ignition	No information available
Temperature Flammability	No information available
Upper/lower flammability or explosive limits	No information available
Vapor pressure	No information available
Vapor density	No information available
Relative density	No information available
Water solubility	No information available

10- STABILITY AND REACTIVITY

Decomposition materials

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

11- TOXICOLOGICAL INFORMATION

11.1. Information or toxicological effects

Acute toxicity	<u>Acute toxicity values</u> :
Corrosiveness	No information available
Irritation	No information available
Sensitization	No information available
STOT-repeated exposure	No information available
Germ cell mutagenicity	No information 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	No information available.
STOT-single exposure	No information available

11.2. Other information None

12- ECOLOGICAL INFORMATION

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

	Overland transport	River transport (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI)
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	Not applicable
14.11. Special precautions for user	No information available
14.12. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

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

16- OTHER INFORMATION

16.1. Indication of the revision

Creation of the SDS on 20/07/2009 in conformity with REACH regulation 1907/2006 (EC).

Revision date: 25/05/2016

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

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.