

**1- PRODUCT AND COMPANY IDENTIFICATION**

**1.1. Product identifier**

Product name INRA 96  
 Product Code 16441  
 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](mailto:contact@imv-technologies.com)

**1.4. Emergency telephone number**

Telephone CHEMTREC 1-800-424-9300

**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**

Health hazards: Prolonged exposure may cause allergic reactions in sensitive individuals.

**3- COMPOSITION/INFORMATION ON INGREDIENTS**

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

Composition: Caseins, buffers, salts, sugars, ultrapure water, antibiotics: sodium penicillin, gentamicin sulphate, amphotericin B

**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**

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

**6- ACCIDENTAL RELEASE MEASURES**

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

**7- HANDLING AND STORAGE**

<b>7.1. Handling</b>	Avoid contact with skin and eyes. Always wear recommended personal protective equipment. Handle in accordance with good manufacturing practice.
<b>7.2. Storage</b>	Store away from heat or direct sunlight. Can be transported at room temperature as long as it does not exceed +30°C for extended periods of time. For prolonged storage, store at temperatures between +2°C and +8°C. Keep container tightly closed when not in use.
<b>7.3. Specific end use</b>	No others ; see 1.2

**8- EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>8.1. Controls parameters</b>	The product does not contain any hazardous materials with occupational exposure limits established.
<b>8.2. Exposure controls</b>	
<b>Appropriate Engineering controls</b>	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.

**9- PHYSICAL AND CHEMICAL PROPERTIES**

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

Physical state	Liquid
Color	White opaque
Odor	None
Odor threshold	No information available
pH	6.90 - 7.10
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	Soluble in water

**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 on 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 30/09/2005 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.*

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