



## **MATERIAL SAFETY DATA SHEET**

### **1.IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

Product name : INVENTAC  
Product code : INV16OCT  
Usage : Animal feed Additives/supplements  
Appearance : Black  
Manufacturer/Supplier : INVETIS LIFE SCIENCES(P) LTD  
Address : B-7/26, SITE-C, Industrial area, Surajpur, Greater Noida-201301.  
Cust care no : +91-9686332841  
E-mail : info@invetisls.com

### **2.COMPOSITION AND INFORMATION ON INGREDIENTS**

| <b>INGREDIENTS NAME</b> | <b>CAS NO</b> | <b>CONTENTS(% BY WT)</b> |
|-------------------------|---------------|--------------------------|
| ORGANIC DUST            | N/A           | 90                       |
| ACTIVATED CARBON        | 7440.44.0     | 5                        |
| OTHER INERT INGREDIENTS | N/A           | 5                        |

Organic dust prepared from plants by extraction and biotechnological process meant for Animal use only. This particular form of carbon is prepared by steam activated process. Testing methods in 49 CFR 173 Appendix E has shown that this ingredient does not meet the definition of Hazard class 4.2. This ingredient is classified as hazardous by criteria specified in 29CFR 1910.1200 (Hazard communication).

### **3.HAZARD IDENTIFICATION**

#### **POTENTIAL HEALTH EFFECTS:EMERGENCY OVERVIEW**

Human : May be irritating to eyes, skin and respiratory tract. High airborne dust concentrations may pose an explosion hazard.  
Eyes : May cause physical irritation

Skin :Prolonged or repeated contact may causes dryness or chapping of exposed area.  
Ingestion :Ingestion may cause gastrointestinal irritation,Vomiting and constipation.  
Inhalation :Overexposure may cause irritation to respiratory system.  
Ecological :No information found

#### **4.FIRST AID MEASURES**

Eyes :Immediately flush eyes with plenty of water.Seek medical attention if irritation persist.  
Skin :Wash with soap and water to avoid drying and chopping of skin.  
Ingestion :If swallowed get immediate medical attention or avoid.  
Inhalation :Remove victim to fresh air.Apply resuscitation,if victim is not breathing.Seek medical attention.

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

Flash point : 400-500 deg C  
Extinguishing media : Dry chemical,foam,carbon dioxide,water fog etc.  
Special Exposure Hazards : Product is combustible,but not easily ignitable below 200C.Upon combustion,this product may emit carbon monoxide and low molecular weight hydrocarbons.  
Fire fighting Guidance : Fire fighters should wear full protective clothing including self contained breathing apparatus.Avoid direct steam at pressure on to the product to prevent dispersal of the shouldering particles,which could spread the fire.

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

Personal precautions : Avoid handling in wet hands,use goggles and mask.  
Environmental precautions :Keep away from heat,sparks and flames.Avoid contact with eyes,clothing and skin.Avoid breathing dust.Keep container closed.Use adequate ventilation.Wash thoroughly after handling.  
Spillage : No information found.

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

Handling :Avoid contact with eyes,skin and clothing.Avoid generating and breathing dust.

Storage :Keep storage containers closed and dry

## **8.EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Engineering controls :Use adequate ventilation,Safety showers and eye wash fountain should be within direct access.

Respiratory protection :A half face dust/mist respirator may be worn.

Hand protection :Use protective gloves.

Ingestion :No adverse effects expected.May cause mild irritation to the GI tract.The oral LD 50(Rat) is 10g/kg.

Eye contact :N adverse effects seen.May cause mild irritation and reddening.

Others:

Health rating :1-Slight

Flammability rating : 3-Severe(Flammable)

Reactivity rating :1-Slight

Contact rating :1-Slight

Lab protective equip :Goggles,Lab coat,Class B-Extinguisher

Strong Color code :Orange(general code)

## **9.PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Black particulate solid, pellet or powder.

Physical state : Granular or powder

Color : Black

Odor : Odorless

Solubility : Insoluble in water

Spec Gravity : 1.5-1.8

Melting point : 3550 C

## **10.STABILITY AND REACTIVITY**

Stability :Stable under ordinary condition of usage and storage.

Hazard decomposition :On combustion to form carbondioxide and carbon monoxide.

Polymerization :will not occur.

Incompatibilities :Liquid air oxidising materials.Strong oxidisers such as ozone,liquid oxygen,chlorine and permanganate etc.

Conditions to avoid :Incompatibles.

## **11.TOXICOLOGICAL INFORMATION**

Acute studies : Explained in concerned headings

Eye : Explained in concerned headings

Skin : Explained in concerned headings

Ingestion : Explained in concerned headings

Inhalation : Explained in concerned headings

Long term studies : No information found

Carcinogenicity : No information found

Mutagenicity : No information found

Reproductive toxicity : No information found

## **12.ECOLOGICAL INFORMATION**

Persistence in the environment : No information found

Toxic effects in organism : No information found

Fish : No information found

Daphnia Megna : No information found

Birds : No information found

## **13.DISPOSAL CONSIDERATIONS**

PRODUCT DISPOSAL :Product which cannot be saved or to be recycled should be managed in an appropriate and approved waste disposal facility.State and local disposal regulations may differ from federal disposal regulations.

Container disposal :Dispose of container and unused contents in accordance with federal,state and local requirements.

#### **14.TRANSPORT INFORMATION:**

IATA : As per not regulated NON DANGEROUS Goods  
ICAO : As per not regulated NON DANGEROUS Goods  
IMDG : As per not regulated NON DANGEROUS Goods  
DOT : As per not regulated NON DANGEROUS Goods  
RID/ADR : As per not regulated NON DANGEROUS Goods  
LABEL : NONE REQUIRED  
UN TDG : As per not regulated NON DANGEROUS Goods

#### **15.REGULATORY INFORMATION**

Classification and labelling danger symbol : N/A  
Danger symbol : N/A  
Safety Phrases : N/A

#### **16.OTHER INFORMATION**

MSDS data information is intended to give general health and safety guidance on the storage and transport of the substances or the products.The requirement or recommendation of any relevant site or working procedure,system or policy in force or arising from any risk assessment involving the substance or the product shall take precedence over any of the guidance contained in the safety data where there is a difference in the information given.The information provided in this safety data sheet at the date of publication,and will be updated as and when appropriate.



The image shows a handwritten signature in blue ink that reads "S. Chandramohan". To the right of the signature is a purple circular stamp. The stamp contains the text "INVETIS LIFE SCIENCES P. LTD." around the top inner edge and "I.F. LIMITED" around the bottom inner edge. There are also two small stars on either side of the bottom text.

**S.CHANDRAMOHAN**

**For INVETIS LIFE SCIENCES(P) LTD**