

# **16 POINT MSDS**

## **LIST OF POINTS IN A MATERIAL SAFETY DATA SHEET**

### **IDENTIFICATION OF THE SUBSTANCE / PREPARATION & THE COMPANY**

**Name of the commodity & proper shipping name**

**Preparation**

**Manufacturing company name, address and emergency contact No**

### **COMPOSITION / INFORMATION ON INGREDIENTS**

**Details of ingredients with chemical name & family**

**Chemical formula CAS (Chemical Abstract Service) No**

**Index no. hazard Symbol**

**Re-phrases & United Nations number (UN no) wherever applicable..**

### **HAZARDS IDENTIFICATION**

**We'll give details about reactions it may cause while in contact with skin, eye, Inhalation & ingestion. It will also give details of stability & materials to avoid while in transit or any hazardous reactions.**

### **FIRST AID MEASURES**

**We'll give details of first aid measures to be taken in case of emergencies with regards skin, eyes, inhalation & ingestion etc**

### **FIRE FIGHTING MEASURES**

**We'll have information on what extinguishing media is to be used & what firefighting equipment's are required**

### **ACCIDENTAL RELEASE MEASURES**

**We'll give details on what measures are to be taken while handling the material in case of any accident.**

### **HANDLING AND STORAGE**

**We'll give you information about handling of the material & storage (temperature control, packaging etc)**

## **EXPOSURE CONTROLS / PERSONAL PROTECTION**

Will give details on technical measures (ventilation if required), safety breathing apparatus, physical protection (hands, eyes, face etc)

## **PHYSICAL & CHEMICAL PROPERTIES**

We'll provide details about:

Physical Form Colour, odour

Melting Point, Density Vapour Pressure – Viscosity

Solubility in water, soluble in pH value

Flash point, Ignition Temperature, Explosive Limits.

## **STABILITY & REACTIVITY**

We'll give details on the stability & reactivity of the material with respect to the various conditions.

## **TOXICOLOGICAL INFORMATION**

We'll give toxicity data of tests conducted on

The test gives information on

Oral toxicity LD<sub>50</sub> mg/kg – Dermal Toxicity LD 50 mg/kg

Inhalation Toxicity LC 50 mg/kg

## **ECOLOGICAL INFORMATION**

We'll give details of reaction of the materials with respect to the environment (air/water pollution etc.)

## **DISPOSAL CONSIDERATION**

We'll have information of disposal of the materials as per general rules.

## **TRANSPORT INFORMATION**

We'll have details of

Labeling & precautions to be taken while in transit (air, land & ship)

It also gives UN no. class category.

## **REGULATORY INFORMATION**

We'll give hazard identifications (label, symbol & description) with respect to the regulatory

board.

**OTHER INFORMATION**

**Any other commodity specific information not covered in the about point.**

**INCLUDE ANY DISCLAIMERS**

**SHOULD BE FROM A GOVERNMENT / ITA RECOGNISED LAB**