|  |
| --- |
| ***16 POINT MSDS*** |
|  |
| **LIST OF POINTS IN A MATERIAL SAFETY DATA SHEET** |
|  |
| **IDENTIFICATION OF THE SUBSTANCE / PREPRARTATION & THE COMPANY** |
| **Name of the commodity a& proper shipping name** |
| **Preparation** |
| **Manufacturing company name., address and emergency tel.** |
|  |
| **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**  |
|  |
| **Will 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** |
|  |
| **Will give details of first aid measures to be taken in case of emergencies with regards skin, eyes, inhalation & ingestion.** |
|  |
| **FIRE FIGHTING MEASURES** |
|  |
| **Will have information on what extinguishing media is to be used & what fire fighting equipment’s are required** |
|  |
| **ACCIDENTAL RELEASE MEASURES** |
|  |
| **Will give details on what measures are to be taken while handling the material in case of any accident.** |
|  |
| **HANDLING AND STORAGE** |
|  |
| **Will 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** |
|  |
| **Will give 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** |
|  |
| **Will give details on the stability & reactivity of the material with respect to the various conditions.** |
|  |
| **TOXICOLOGICAL INFORMATION**  |
|  |
| **Will give toxicity data of tests conducted on** |
| **The test gives information on** |
| **Oral toxicity LD50 mg/kg –Dermal Toxicity LD 50 mg/kg** |
| **Inhalation Toxicity LC 50 mg/kg** |
|  |
| **ECOLOGICAL INFORMATION**  |
|  |
| **Will give details of reaction of the materials with respect to the environment (air/water pollution etc.)** |
|  |
| **DISPOSAL CONSIDERATION** |
|  |
| **Will have information of disposal of the materials as per general rules.** |
|  |
|  |
|  |
| **TRANSPORT INFORAMTION** |
|  |
| **Will have details of** |
|  |
| **Labeling & precautions to be taken while in transit (air, land & ship)** |
| **It also gives UN no. class category.** |
|  |
| **REGULATORY INFORMATIONS** |
|  |
| **Will 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** |