

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 telephone number.

COMPOSITION / INFORMATION ON INGREDIENTS

Details of ingredients with chemical name & family chemical formula CAS (Chemical Abstract Service) number, Index number & 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, Color, Odor, 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 INFORMATION

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