

(PREVIEW)

Indian Standard

CODE OF SAFETY FOR CARBON
DISULPHIDE (CARBON BISULPHIDE)

0. FOREWORD

0.1 This Indian Standard was adopted by the Indian Standards Institution on 25 May 1970, after the draft finalized by the Chemical Hazards Sectional Committee had been approved by the Chemical Division Council.

0.2 Carbon disulphide (carbon bisulphide) is a basic raw material for several chemical process industries including synthetic fibre and rubber. It is also used as a solvent for fats, resin, rubber, waxes, sulphur, selenium, bromine, iodine and phosphorus and as an aiding chemical in the manufacture of carbon tetrachloride, matches and pesticides. It is an extremely volatile, flammable and toxic liquid and may cause harmful effects, if not properly handled.

0.2.1 This standard attempts to guide the users and manufacturers in the recognition of hazards associated with carbon disulphide and in the recommended handling procedures. The information given should be used to the fullest extent and should be supplemented with additional information on design aspects of plant and equipment.

0.3 This standard is one of a series of Indian Standard codes of safety for hazardous chemicals.

1. SCOPE

1.1 This code describes properties of carbon disulphide, the nature of hazards associated with it, and essential information on storage, handling, packing, labelling, disposal of waste, cleaning and repairs of containers, selection and training of personnel, personal protective equipment and first-aid.

1.1.1 This code does not deal with specification for design of buildings, chemical engineering plants, storage vessels and equipment for operations control and waste disposal.