



CHEMSYNTH CORPORATION

(Exporter of chemical Raw materials)

B 406 kailas Business park,Veer savarkar marg,Vikhroli powai link raod,

Vikhroli (west) Mumbai 400 079, India. Tele: +91 22 6692 0467 , 6221 5429

Email info@chemsynth.co.in

MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product and Company Identification Catalog Numbers 270004 .

Section 2 - Composition,

Information on Ingredients CAS# 120-82-1 Chemical Name 1,2,4-Trichlorobenzene % 99% EINECS# 204-428-0 Haz Symbols N,Xn Risk Phrases 22 38 50/53

Section 3 - Hazards Identification

EMERGENCY OVERVIEW Harmful if swallowed. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. POTENTIAL HEALTH EFFECTS Eye Causes eye irritation. Skin May be harmful if absorbed through skin. Causes skin irritation. Ingestion Harmful if swallowed. Inhalation May be harmful if inhaled. Causes respiratory tract irritation. Chronic

Section 4 - First aid Measures

Eyes Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Skin Wash off with soap and plenty of water. Consult a physician. Ingestion Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Inhalation If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician. Notes to Physician

Section 5 - Fire Fighting Measures

General Information Wear self contained breathing apparatus for fire fighting if necessary. Extinguishing Media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Section 6 - Accidental Release Measures

General Information Use proper personal protective equipment as indicated in section 8. Spills/Leaks Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

Section 7 - Handling and Storage

Handling Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Normal measures for preventive fire protection. Storage Store in a cool, dry place. Store in a tightly closed container.

Section 8 - Exposure Controls,

Personal Protection Engineering Controls Not available. PERSONAL PROTECTIVE EQUIPMENT Eyes Chemical safety goggles. Skin Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place. Clothing Wear appropriate protective clothing to prevent skin exposure. Respirators Where risk assessment shows air-purifying respirators are appropriate use a fullface respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9 - Physical and Chemical Properties

Physical State Liquid or solid Color Colorless or white

Odor Not available

pH Not available

Vapor Pressure Not available

Viscosity Not available

Boiling Point 214°C/760.0mmHg

Freezing/Melting Point 16°C

Autoignition Temperature Not available

Flash Point 110°C

Explosion Limits, lower Not available

Explosion Limits, upper Not available

Decomposition Temperature Not available

Solubility in water Not available

Specific Gravity/Density 1.454 Molecular Formula C₆H₃Cl₃ Molecular Weight 181.45

Section 10 - Stability and Reactivity

Chemical Stability Stable under recommended storage conditions. Conditions to Avoid Incompatible materials. Incompatibilities with Other Materials Strong oxidizing agents. Hazardous Decomposition Products Hazardous decomposition products formed under fire conditions. - Carbon oxides, Hydrogen chloride gas. Hazardous Polymerization Will not occur.

Section 11 - Toxicological Information

RTECS# CAS#120-82-1:DC2100000. LD50/LC50 Not available. Carcinogenicity 1,2,4-Trichlorobenzene- Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65. Other

Section 12 - Ecological Information Not available.

Section 13 - Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 - Transport Information

TRICHLOROBENZENES, LIQUID TRICHLOROBENZENES, LIQUID TRICHLOROBENZENES, LIQUID 6.1 6.1 6.1
2321 2321 2321 III III III Shipping Name Hazard Class UN Number Packing Group IATA IMO RID/ADR

Section 15 - Regulatory Information

European/International Regulations Hazard Symbols N,Xn Risk Phrases R22 Harmful if swallowed. R38 Irritating to skin. R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Safety Phrases S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S36/37 Wear suitable protective clothing and gloves. S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Section 16 - Additional Information

MSDS Creation Date 2010-1-7 Revision #1 Date Original The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any

claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.