

CATALYST SORBEO HC

(Catalytic Oxidation of CO to CO₂)

DESCRIPTION

Catalyst SORBEO HC is intended for catalytic oxidation of CO to CO₂ in dry air or other gases. In this way poisonous CO is removed and CO₂ is generated instead.

This process is used in applications such as compressed breathing air, respirators, escape masks and cryogenic gas purification. ⁽¹⁾

APPLICATIONS

- Catalytic Oxidation of CO to CO₂

⁽¹⁾For any other technical gas please contact us or your local dealer

TECHNICAL SPECIFICATION

(Typical Values)

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|--------------|-------------------------------|
| Appearance | Black/dark brown granular |
| Material | Manganese Oxide, Copper Oxide |
| Bead Size | approx. 3 mm |
| Bulk Density | 0,72 - 1 g/cm ³ |

HANDLING AND STORAGE

Catalyst SORBEO HC should be handled so as to avoid generation of dusty conditions at the workplace. Avoid release to the environment. Wear protective clothing: gloves, protective work clothing and respiratory protection if high dust exposure exists. When pouring into a container in the presence of flammable liquids, gases or dust, both containers should be electrically earthed. Storage in a dry warehouse is recommended. Open packages should be resealed to prevent contamination and adsorption of water or other gases and vapours.

HEALTH AND SAFETY INFORMATION


Catalyst SORBEO HC is harmful if swallowed or inhaled. Keep out of reach of children. Do not get in eyes, on skin, or on clothing.

Use fire extinguishing methods suitable for surrounding conditions.

First aid measures

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| Inhalation | Get fresh air If breathing is difficult administer oxygen If respiratory difficulties persist seek medical attention |
| Skin contact | The product is very adsorbent and may have a drying effect on the skin Wash with water Remove and wash contaminated clothing |
| Eye contact | Rinse with water or eye-cleaning solution If irritation persists seek medical attention |
| Ingestion | Drink large quantities of water Do not induce vomiting Seek medical attention |

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE

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|  | <p>Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2008 Reg. number: 200285</p> | |
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