Safety Data Sheet (SDS / MSDS)

Ferro Silicon Manganese · CAS 12743-28-1 · FeSiMn

Safety Data Sheet (SDS) - Ferro Silicon Manganese

1. Identification
• Product Name: Ferro Silicon Manganese
• Company: Moonarc FZCO (UAE)
• CAS No: 12743-28-1
• Synonyms: Silicomanganese, SiMn

2. Hazards Identification
• Classification: Not classified as hazardous according to GHS in solid form. However, dust may cause respiratory irritation.
• Water-Reactive: Contact with water/moisture may slowly evolve flammable gases (Hydrogen/Acetylene) if impurities like phosphides are present.

3. Composition
• Manganese (Mn): 60-75%
• Silicon (Si): 14-25%
• Iron (Fe): Balance
• Carbon (C): < 2.5%

4. First Aid Measures
• Inhalation: Move to fresh air. Seek medical attention if irritation persists.
• Skin: Wash with soap and water.
• Eyes: Flush with water for 15 minutes.

5. Firefighting Measures
• Extinguishing Media: Use dry powder or sand. DO NOT USE WATER on molten metal or large accumulations of dust.

6. Accidental Release
• Sweep up or vacuum. Avoid dust generation. Place in dry containers.

Note: This is a DRAFT. Consult the official Moonarc safety documentation before use.

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