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MATERIAL SAFETY DATA SHEET
RED IRON OXIDE

Pfizer Inc.

Form 1

Product/Material: Red Iron Oxide
Manufacturer: Pfizer Inc.
Address: 235 E 42nd Street, New York, NY 10017
Emergency Tel. No.: (212) 573-2816

Section I - Product Identification

Trade Name: Red Iron Oxide
Synonym: Iron Oxide, Ferric Oxide
Chemical Family: Metal Oxide
Formula: Fe₂O₃
C.I. Pigment Red 101, C.I. No. 77491
CAS Number: 1309-37-1

Section II - Hazardous Ingredients

Name (CAS #)	<u>X</u>	<u>TLV</u>
None		

Section III - Physical Data

Boiling Point (°F): Not Applicable
Vapor Pressure (mm Hg): Not Applicable
Vapor Density: Not Applicable
Solubility in Water: Insoluble
Specific Gravity (H₂O=1): 4.8-5.2
Percent Volatile by Weight: 0
Evaporation Rate: 0
Appearance and Odor: Red to Reddish Brown Powder, No Odor

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used): Non-flammable
Flammable Limits: LEL - Non-flammable
UEL - Non-flammable
Extinguishing Media: Water
Special Fire Fighting Procedures: None
Unusual Fire and Explosion Hazards: None

Section 5 - Health Hazard Data

Threshold Limit Values: Inert or Nuisance dust -
5 mg/M³ respirable (ACGIH & OSHA)
10 mg/M³ total dust (ACGIH)
15 mg/M³ total dust (OSHA)

Effects of Overexposure: Irritation in respiratory tract

Emergency and First Aid Procedures: Wash dust from skin with soap and water. Flush out eyes with generous amounts of water for at least 15 minutes. See a Physician.

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Section VI - Reactivity Data

Product is stable.

Incompatibility: None

Hazardous Decomposition Products: None

Hazardous Polymerization will not occur.

Section VII - Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled: Normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum cleaning systems are recommended.

Waste Disposal Method: Disposal must be made in accordance with Federal, State and local regulations. Pursuant to 40 CFR part 261 of the Resource Conservation & Recovery Act (RCRA) Regulations currently in effect, discarded iron oxide would not be classified as a hazardous waste.

Section VIII - Special Protection Information

Eye Protection (Use Most Appropriate): Dust-tight goggles in dusty environments.

Skin Protection: Leather or rubber gloves.

Respiratory Protection: Use of dust respirator is recommended when exposure limits may be exceeded.

Ventilation: Local exhaust ventilation to collector or containment recommended to control dust to below exposure limits.

Section IX - Special Precautions

Good industrial hygiene practice requires that employee exposure be maintained below the recommended TLV. This is preferably achieved through the provision of adequate ventilation where necessary. Where dust cannot be controlled in this way, personal respiratory protection should be employed.

Section X - Labels and Other Information

Prepared by: M. G. Larson

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NOTICE: The data and recommendations presented herein are based upon data which is considered to be accurate. However, Pfizer makes no guarantee or warranty, either expressed or implied, of the accuracy or completeness of these data and recommendations.