

---

## MATERIAL SAFETY DATA SHEET

**SUPPLIER: PRODUITS CHIMIQUES ACP CHEMICALS INC.**

---

DATE OF MSDS: 2016-03-24

NAME OF PRODUCT: Ferric Oxide

EMERGENCY TELEPHONE NO.: (613) 996-6666 (CANUTEC)

### 1. Product Identification

Synonyms: Iron (III) Oxide; Red Iron Oxide; C.I. 77491; Iron Sesquioxide

CAS No: 1309-37-1

Molecular Weight: 159.69

Chemical Formula: Fe<sub>2</sub>O<sub>3</sub>

SUPPLIER/MANUFACTURER & PREPARATOR :

Produits Chimiques ACP Chemicals, Inc.

4601 boulevard des Grandes-Prairies

St-Léonard, QC H1R 1A5

514-327-0323

### 2. Composition/Information on Ingredients

Ingredient	CAS No	Percent	Hazardous
-----	-----	-----	-----
Iron Oxide, Fe <sub>2</sub> O <sub>3</sub>	1309-37-1	98 - 100%	Yes

### 3. Hazards Identification

Emergency Overview

CAUTION! MAY CAUSE IRRITATION. MAY BE HARMFUL IF INHALED.

TARGET ORGAN(S): Respiratory system, lungs.

SAFETY DATA Ratings (Provided here for your convenience)

Health Rating: 1 - Slight

Flammability Rating: 0 - None

Reactivity Rating: 1 - Slight

Contact Rating: 1 - Slight

Lab Protective Equip: GOGGLES; LAB COAT

Storage Color Code: Orange (General Storage)

Potential Health Effects

Inhalation: Irritation of upper respiratory tract.

Ingestion: None identified.

Skin Contact: Prolonged contact may cause irritation.

Eye Contact: Irritation.

Chronic Exposure: Lung damage.

Aggravation of Pre-existing Conditions: No information found.

#### **4. First Aid Measures**

Inhalation: If a person breathes in large amounts, move the exposed person to fresh air.

Ingestion: If large amounts were swallowed, give water to drink and get medical advice.

Skin Contact: In case of contact, immediately wash skin with plenty of soap and water for at least 15 minutes.

Eye Contact: In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

#### **5. Fire Fighting Measures**

Fire: Not expected to be a fire hazard.

Explosion: No information found.

Fire Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Information:

Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode.

#### **6. Accidental Release Measures**

Wear suitable protective clothing. Carefully sweep up and remove.

#### **7. Handling and Storage**

Keep container tightly closed. Suitable for any general chemical storage area. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

#### **8. Exposure Controls/Personal Protection**

Airborne Exposure Limits:

-OSHA Permissible Exposure Limit (PEL): 10 mg/m<sup>3</sup> (TWA)

-ACGIH Threshold Limit Value (TLV): 5 mg/m<sup>3</sup> (TWA)

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne

Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

Personal Respirators (NIOSH Approved):

For conditions of use where exposure to the substance is apparent, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear protective gloves and clean body-covering clothing.





Disclaimer:

PRODUITS CHIMIQUES ACP CHEMICALS INC. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. PRODUITS CHIMIQUES ACP CHEMICALS INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, PRODUITS CHIMIQUES ACP CHEMICALS INC. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.