

QUAKER FERROCOTE® 61-AUS

WHMIS Material Safety Data Sheet

Section 1 - Hazardous Ingredients

Name	CASRN	LD50/LC50	Range
SULFONIC ACIDS, PETROLEUM, CALCIUM SALTS, OVERBASED	68783-96-0	>1 g/kg (Rat, Oral)	1 - 5 %

Section 2 - Preparation Information

Item Code	402880
Prepared By	G. Seagrave
Date Issued	2014-07-18
Supersede Date	2011-08-05

Section 3 - Product Information

Supplier Address	H.L. Blachford Ltd. 2323 Royal Windsor Dr., Mississauga, ON, CA, L5J 1K5 Phone 905-823-3200 Health 905-823-3200 Emergency CHEMTREC 800-424-9300 / 703-527-3887
CASRN	NOT APPLICABLE
WHMIS Classes	D2B
Product Name	QUAKER FERROCOTE® 61-AUS
Chemical Name	MINERAL OIL WITH ADDITIFS
General Use	COATING OIL

Section 4 - Physical Data

Physical State (@25°C)	Liquid
Specific Gravity	0.9
Boiling Point	235 - 400 °C.
Freezing / Melting Point	< 0°C.
Vapour Pressure	0.09 mm Hg @ 25°C.
Vapour Density	Not available.
Odour Threshold	Not available.
pH Level	Not applicable.
Water Solubility	Negligible.
% Volatile by Weight	VOC: 53 g/L (ASTM D-2369)
Evaporation Rate	Negligible.
Appearance/Odour	Light amber oil.
Coefficient of Water/Oil Distribution	Not available.

Section 5 - Fire and Explosion Data

Flash Point (Method)	193 °C. (COC)
Explosive Limits (LEL, UEL)	Not available.
Auto Ignition Temperature	Not available.
Extinguishing Media	Dry chemical, foam, carbon dioxide and water(fog or mist)
Special Fire Fighting Procedures	Treat as mineral oil fire. Use NIOSH/MESA approved respirators.
Unusual Fire and Explosion Hazards	Do not spray water directly into storage containers to avoid danger of boil-over.
Conditions of Flammability	Not flammable or combustible under WHMIS criteria but can be made to burn.
Hazardous Combustion Products	Oxides of carbon Minor levels of oxides of nitrogen and sulfur.

Section 6 - Reactivity Data

Stability	Product is stable
Conditions to Avoid (Stability)	None known.
Materials to Avoid (Incompatibility)	Strong oxidizers.
Hazardous Decomposition Products	Only on combustion or high temperature thermal decomposition. See Section 5 for Hazardous Combustion Products.
Hazardous Polymerization	Hazardous polymerization will not occur
Conditions to Avoid (Hazardous Polymerization)	None known.

Section 7 - Health Hazard Data

QUAKER FERROCOTE® 61-AUS

WHMIS Material Safety Data Sheet

Section 7 - Health Hazard Data

Threshold Limit Value	Not established (5 mg/m ³ for mineral oil as a mist - ACGIH-TWA)
Effects of Acute Exposure (Eyes)	Will cause irritation if splashed into eyes. Prolonged contact may cause corneal injury.
Effects of Acute Exposure (Skin)	May cause irritation of the skin. Prolonged or repeated contact may cause skin disorders such as oil acne, dermatitis and folliculitis.
Effects of Acute Exposure (Inhalation)	Mists, generated from this product, may cause irritation of the upper respiratory tract.
Effects of Acute Exposure (Ingestion)	Possible gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into lungs can cause chemical pneumonitis which can be fatal.
Effects of Chronic Exposure	None expected.
Other Data	This product is an untested mixture by WHMIS guidelines. Since it contains component(s) which could possibly cause skin/eye irritation, it has been classified D2B. Primary routes of entry: Inhalation, skin and eye contact.

Section 8 - Preventive Measures

Respiratory Protection	If use generates vapors or mists, wear a NIOSH approved respirator.
Ventilation (Local, Exhaust)	Recommended if mists or vapours are generated.
Ventilation (General, Mechanical)	Recommended during handling and use.
Protective Gloves	Protective gloves are recommended.
Eye Protection	Wear safety glasses or chemical goggles.
Other Protection	Safety shower and eye wash facility.
Precautions for Handling and Storing	Avoid prolonged and repeated contact when handling material. Avoid contact with eyes. Keep container closed when not in use.
Spill Remediation Measures	Soak up with absorbent material and put in closed containers. Wash area with detergent and water. Do not allow product to enter sewers, streams and other bodies of water.
Waste Disposal Method	Consult federal, state/provincial and local authorities for proper disposal procedures.

Section 9 - First Aid Treatment

First Aid - Skin	Wash thoroughly with soap and water. Get medical attention if necessary.
First Aid - Eyes	Flush eyes well with water for at least 15 minutes. Seek medical attention.
First Aid - Ingestion	Do not induce vomiting. Guard against aspiration into lungs. Contact a doctor immediately.
First Aid - Inhalation	Remove person to fresh air. If not breathing, give artificial respiration. Seek medical help.

Section 10 - Regulatory Information

Transportation of Dangerous Goods	NR
-----------------------------------	----

The opinions expressed in this document are those of H.L. Blachford's qualified experts. We believe that the information contained herein is the latest available at the date of preparation of the Material Safety Data Sheet. Since H.L. Blachford cannot control the use of the information, the use of the opinions and the conditions of use, the user is obliged to determine the conditions permitting the safe use of the material.