

	FourQuest Energy Inc. MATERIAL SAFETY DATA SHEET	Region USA
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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: FQE Pyrophoric
Item Number: 425068
Product Use: Pyrophoric Iron Control
Supplier: FourQuest Energy Inc.
6500 Long Dr.
Houston, Texas 77087
(713)242-0055

IN CASE OF EMERGENCY CALL: (800)424-9300 for CHEMTREC
(703) 527-3887 for International

HMIS HAZARD INDEX

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0
PERSONAL PROTECTION: b

2 COMPOSITION/INFORMATION ON INGREDIENTS

Non-Hazardous

Ingredient	%
Non-hazardous	100

3 HAZARDS IDENTIFICATION

PRIMARY ROUTES OF EXPOSURE: Eye contact.

ACUTE OVEREXPOSURE EFFECTS:

INHALATION: Not a likely exposure route. Prolonged inhalation of mist may cause respiratory tract irritation.

INGESTION: Not a likely exposure route. May cause stomach discomfort. May cause nausea and vomiting.

EYE CONTACT: May cause mild eye irritation.

SKIN CONTACT: None Known.

EXPOSURE LIMITS:

Non-hazardous

4 FIRST AID MEASURES

INHALATION:

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

INGESTION:

Rinse mouth out with water. Drink plenty of water. Seek medical advice.

EYES:

Flush eyes with plenty of water and get medical attention if irritation persists.

SKIN:

Wash with soap and water. Remove contaminated clothing and launder before reuse. Seek medical attention if irritation persists.

5 FIRE FIGHTING MEASURES

FLASHPOINT (METHOD):

None

LOWER EXPLOSION LIMIT (% v/v):

Not applicable/available

UPPER EXPLOSION LIMIT (% v/v):

Not applicable/available

AUTO-IGNITION TEMPERATURE:

Not applicable/available

SPECIAL HAZARDS:

None.

EXTINGUISHING MEDIA:

Use appropriate media for surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES:

Fire-fighters should wear self-contained breathing apparatus and full protection clothing when fighting chemical fires. Cool exposed containers with water spray.

HAZARDOUS COMBUSTION PRODUCTS:

See Hazardous Thermal Decomposition Products.

6 ACCIDENTAL RELEASE MEASURES

Wear specified protective equipment. Small spills – Cover spill with absorbent material. Scoop absorbed material into a suitable container for disposal. Large spills – Dike to contain. Prevent from entering sewers or waterways. Recover product to suitable containers or vessel for reuse, if possible, or for disposal.

7 HANDLING AND STORAGE

HANDLING:

Wear specified protective equipment. Use only in a well ventilated area.

STORAGE REQUIREMENTS:

Keep container tightly closed, in a cool, well ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

SPECIFIC ENGINEERING CONTROLS:

Use only in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT:

Chemical resistant goggles. Chemical resistant gloves. Coveralls.

9 PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
COLOR:	Clear, dark amber
ODOR:	Faint sweet
ODOR THRESHOLD:	Not available/applicable
SPECIFIC GRAVITY:	1.27
VAPOR PRESSURE:	Same as water
VAPOR DENSITY (air =1):	Same as water
EVAPORATION RATE:	Not available/applicable
BOILING POINT:	> 93°C/ >200°F
FREEZING POINT:	Not available/applicable
pH:	6.5 -7.5
SOLUBILITY IN WATER:	Complete

10 STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

INCOMPATIBILITY/CONDITIONS REACTIVITY:

None known.

HAZARDOUS THERMAL DECOMPOSITION PRODUCTS:

Carbon monoxide. Carbon dioxide.

HAZARDOUS POLYMERIZATION:

Will not occur.

11 TOXICOLOGICAL PROPERTIES

CHRONIC EFFECTS:

None known.

SENSITIZATION:

Not known.

CARCINOGENICITY:

None of the components of this product have been listed as carcinogenic by IARC, NTP or OSHA. (IARC- International Agency for Research on Cancer) (NTP – National Toxicology Program) (OSHA – Occupational Safety & Health Administration (US))

MUTAGENICITY:

Not known.

REPRODUCTIVE TOXICITY:

Not known.

12 ECOLOGICAL INFORMATION

No specific information available

13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Consult local waste authorities for direction and/or approvals prior to disposal.

14 TRANSPORT INFORMATION

LAND TRANSPORT (DOT)

Proper Shipping Name: NOT RESTRICTED

AIR TRANSPORT (ICAO/IATA)

Proper Shipping Name: NOT RESTRICTED

MARINE TRANSPORT (IMDG/IMO)

Proper Shipping Name: NOT RESTRICTED

15 REGULATORY INFORMATION

SARA TITLE III:

SECTION 302/304 This product does not contain substances listed in Appendix A and B as an Extremely Hazardous Substance.

SECTION 311/312 None.

SECTION 313 This product does not contain ingredients (at a level of 1% or greater) on the List of Toxic Chemicals

TSCA INVENTORY: The substances in this product are included on or exempted from the TSCA 8(b) Inventory (40 CFR 710)

CALIFORNIA PROP 65: This product does not contain substances which require warning under California Proposition 65.

16 OTHER INFORMATION

ISSUE DATE: 11/18/2013

PREPARED BY: FourQuest Energy Inc.

REFERENCES:

Suppliers' Literature.

CCINFO Web Information Service, Canadian Centre for Occupational Health and Safety, 2005. International Marine Dangerous Goods Code, 2002 Edition, International Maritime Organisation, 2002. Dangerous Goods Regulations, 46th ed., International Air Transport Association, 2005. TDG Clear Language Regulations, as published in the Canada Gazette Part II, August 2001.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Revision: 1

Status: Approved & Released MSDS

Revision History:

Revision:	Sec/Para Changed	Changed Made:	Date:
1	N/A	Initial Issue of Document	11/18/13

Name: M. Rogers Title: HSE Specialist	Approved – 11/18/2013
Name: D. J. Mason Title: R&D Manager - Chemistry	Approved – 11/18/2013
MSDS submitted for approval	– 11/18/2013
MSDS approved	– 11/18/2013
MSDS submitted for Final Approval	– 11/18/2013
Final Approval	– 11/18/2013