

Annex 7J

Material Safety Data Sheet for WFT-9371



Material Safety Data Sheet WFT 9371

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

24 hr. Emergency Contact (CHEMTREC) US Tel: 1- 800 - 424-9300 - Int'l. Tel. 703 - 527 - 3887

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER: WEATHERFORD ENGINEERED CHEMISTRY® 515 POST OAK BLVD., SUITE 100 HOUSTON, TX 77027
MANUFACTURER: CLEARWATER INTERNATIONAL L.L.C. 4420 SOUTH FLORES ROAD ELMENDORF, TEXAS 78112

PRODUCT NAME: WFT 9371
PRODUCT CODE: XC13135B
PRODUCT USE/CLASS: PIPELINE HYDROTEST

MSDS REVISION DATE: 04/15/05

PREPARER: MJW

PHONE: 724-318-1050

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	EXPOSURE LIMITS	CAS#	% BY WEIGHT
SODIUM METABISULFITE	ACGIH TLV – 5 MG/M3 TWA OSHA PEL – 5 MG/M3 TWA	7681-57-4	10-30 %

3. HAZARD IDENTIFICATION

EYE: Liquid, aerosols and vapors of this product may be irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

SKIN: May cause skin irritation. Allergic reactions are possible.

INGESTION: May be irritating to mouth throat and stomach.

INHALATION: May cause irritation to mucous membranes and lung tissue.

CHRONIC INFORMATION: None known

PRIMARY ROUTE(S) OF ENTRY: Eye contact.

4. FIRST AID MEASURES

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention, if irritation persists.

SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persist.

INHALATION: Remove victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

INGESTION: : Induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT: NONE
(TAGLIABUE CLOSED CUP)

LOWER EXPLOSIVE LIMIT: N.D.
UPPER EXPLOSIVE LIMIT: N.D.

AUTOIGNITION TEMPERATURE: N.D.

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EXTINGUISHING MEDIA: Use media suitable for surrounding materials.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers can build up pressure if exposed to heat (fire).

SPECIAL FIRE FIGHTING PROCEDURES: As in any fire, wear a self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. (See exposure controls / personal protection section) Spilled material should be disposed of according to applicable regulations.

7. HANDLING AND STORAGE

HANDLING: Handle all chemicals with care. Wash thoroughly after handling.

STORAGE: Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their exposure limits.

RESPIRATORY PROTECTION: No protection needed under normal use and conditions. Use a NIOSH/MSHA approved air purifying respirator when high airborne concentrations are expected. High airborne concentrations are found in enclosed spaces or areas with poor ventilation. Protection by air purifying respirators is limited.

SKIN PROTECTION: When contact is likely wear chemical resistant gloves and boots.

EYE PROTECTION: Wear safety glasses with side shields or goggles.

OTHER PROTECTIVE EQUIPMENT: Emergency eye wash stations and deluge showers should be available in the work area.

HYGIENIC PRACTICES: Wash hands before eating. Use only with adequate ventilation. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colorless to Lt yellow

ODOR: sulfur Like

BOILING POINT (RANGE): Similar to water

FREEZE POINT: N/D

VAPOR DENSITY: N/A

VAPOR PRESSURE: N/D

PHYSICAL STATE: Liquid

SOLUBILITY IN WATER: Soluble

PH (AS IS): 7.2-7.8

SPECIFIC GRAVITY: 1.20-1.24

10. STABILITY AND REACTIVITY DATA

CONDITIONS TO AVOID: Avoid temperature extremes

INCOMPATIBILITY: Avoid contact with strong acids and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sodium, sulfur, phosphorous, and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur under normal use and storage conditions.

CHEMICAL STABILITY: This product is stable under normal storage conditions.

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11. TOXICOLOGICAL INFORMATION

ORAL: No product information is available.

DERMAL: No product information is available.

INHALATION: No product information is available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: (500 ppm test concentration) (EPA-821-R-02-012) *mysidopsis bahia* = 48hr NOEC = 100 %CTS
LOEC > 100 %CTS
Menidia beryllina = 48hr NOEC = 100 %CTS
LOEC > 100 %CTS

CHEMICAL FATE INFORMATION: No product information is available

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Consult local, state, or federal regulatory agencies for acceptable disposal procedures and disposal locations. Disposal in streams or sewers may be prohibited by federal, state, and local regulations.

RCRA STATUS: None

14. TRANSPORTATION INFORMATION

(NON-BULK SHIPMENTS)

D.O.T. PROPER SHIPPING NAME: Not Regulated

D.O.T. TECHNICAL NAME: Non-Hazardous for D.O.T. Purposes

D.O.T. HAZARD CLASS: N/A

HAZARD SUBCLASS: N/A

D.O.T. UN NUMBER: N/A

PACKING GROUP: N/A

RESP. GUIDE PAGE: N/A

(BULK SHIPMENTS)

D.O.T. PROPER SHIPPING NAME: Not Regulated

D.O.T. TECHNICAL NAME: Non-Hazardous for D.O.T. Purposes

D.O.T. HAZARD CLASS: N/A

HAZARD SUBCLASS: N/A

D.O.T. UN NUMBER: N/A

PACKING GROUP: N/A

RESP. GUIDE PAGE: N/A

T.D.G. PROPER SHIPPING NAME: Not Regulated

T.D.G. TECHNICAL NAME: N/A

T.D.G. HAZARD CLASS: N/A

HAZARD SUBCLASS: N/A

T.D.G. UN NUMBER: N/A

PACKING GROUP: N/A

RESP. GUIDE PAGE: N/A

IMDG PROPER SHIPPING NAME: Not Regulated

IMDG TECHNICAL NAME: N/A

IMDG HAZARD CLASS: N/A

HAZARD SUBCLASS: N/A

IMDG UN NUMBER: N/A

PACKING GROUP: N/A

EmS No: N/A

15. REGULATORY INFORMATION

CERCLA – SARA HAZARD CATEGORY:

SECTION 311/312: This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

NONE

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SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

COMPONENT	CAS#	% BY WEIGHT
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No SARA Section 313 components exist in this product.

TSCA STATUS:

All components of this product are listed on the Toxic Substance Control Act Inventory or are excluded from the listing requirements.

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

CANADIAN WHMIS CLASS: D-2B

CANADIAN ENVIRONMENTAL PROTECTION ACT:

All components of this product are listed on the Canadian Domestic Substance List (DSL).

16. OTHER INFORMATION

HMIS RATING – HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0 **PERSONAL PROTECTIVE RATING:** B

LEGEND: N.A. – NOT APPLICABLE, N.E. - NOT ESTABLISHED, N.D. – NOT DETERMINED

THIS PRODUCT'S HEALTH AND SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US, AND IS BELIEVED TO BE ACCURATE, ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED OR IMPLIED BY THE COMPANY IN THIS RESPECT. SINCE THE USE OF THIS PRODUCT IS WITHIN THE EXCLUSIVE CONTROL OF THE USER, IT IS THE USER'S RESPONSIBILITY TO DETERMINE THE CONDITIONS OF SAFE USE. SUCH CONDITIONS MUST COMPLY WITH ALL GOVERNMENTAL REGULATIONS.