

# FT 100

## MATERIAL SAFETY DATA SHEET

Last Revised Date : August 3, 1998

For Assistance, Contact : BARCLAY WATER MANAGEMENT

150 Coolidge Avenue, Watertown, MA 02472

Emergency Telephone : 617-926-3400

### I. PRODUCT IDENTIFICATION

Name : FT 100

CAS No. : NA

Chemical Name : NA

Formula : NA

Chemical Family : Fuel Oil Additive

### II. INGREDIENTS

CATALYTIC REFORMER PETROLEUM DISTILLATE

PCT : > 90

CAS No. : 68477-31-6

SARA : Not Listed

TLV : 350 mg/m<sup>3</sup> PEL : ND

Hazard : Combustible Liquid

NAPHTHALENE

PCT : < 10

CAS No. : 91-20-3

SARA : Listed

TLV : 10 ppm PEL : 15 ppm

Hazard : Combustible Liquid

This product contains no other ingredients considered hazardous to the criteria of 29 CFR 1910.1200 and the Massachusetts Right-To-Know Law.

### III. PHYSICAL DATA

State : Liquid

Appearance : Red color

Odor : Aromatic

Boiling Point : 410 F

Melting Point : NA

pH : NA

Specific Gravity : 1.0

Evaporation Rate : ND

Vapor Pressure : ND

METAL CORROSIVITY:

Aluminum : non corrosive

Steel : non corrosive

SOLUBILITY :

Water : < 1 %

Acid : No

Other : ND

Stability : Stable

Storage Precautions : Keep away from open flame and strong oxidizing reagents. Keep container closed after use.

### IV. FIRE, EXPLOSION HAZARD and REACTIVITY DATA

Flash Point : > 200 F

Method : ASTM D 56

FLAMMABILITY LIMITS :

Lower : ND

Upper : ND

Shock Sensitivity : No

Autoignition Point : > 400 F

Oxidizer : No

Fire/Explosion Hazards : NA

Susceptibility to Spontaneous Heating : No

Extinguishing Media : Dry chemical, carbon dioxide or foam.

Hazardous Decomposition Products : Fumes, smoke, carbon monoxide

NFPA/HMIS CODES :

Health : 2 Flammability : 1 Reactivity : 0

Conditions to Avoid : Contact with open flame and strong oxidizing agents.

### V. HEALTH HAZARD DATA

This Product may cause severe irritation and redness to eyes and skin.

Can also cause nausea, respiratory irritation, dizziness, and even asphyxiation.

Acute Toxicity : moderately toxic

Routes of Exposure : skin contact, inhalation and ingestion.

Target Organs : None identified.

Chronic Toxicity : none identified

Routes of Exposure : none identified

Target Organs : None identified.

Carcinogen, Mutagen, Teratogen Data : NA

Routes of Exposure : NA

Target Organs : NA

OSHA Regulated : NO

Massachusetts Substance List : NO

IARC Monographs : NO

Overexposure :

Eyes : Can cause severe irritation, redness, tearing, blurred vision.

Skin : Prolonged or repeated contact can cause moderate irritation, defatting and dermatitis.

Inhalation : Can cause nasal and respiratory irritation, dizziness, headache, unconsciousness, and even asphyxiation.

Ingestion : Can cause gastrointestinal irritation, nausea, vomiting.

Medical Conditions Aggravated by Exposure : None Identified

### VI. PRECAUTIONARY MEASURES

Avoid contact with eyes and skin. Wash hands and clothes thoroughly after handling. Do not breathe chemical.

Protective Equipment : Adequate ventilation. Splash-proof goggles, eye-wash nearby, rubber gloves.

**KEEP OUT OF REACH OF CHILDREN**

### VII. FIRST AID

Inhalation : If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm and quiet. Get medical attention.

Eye Contact : Immediately flush eyes or skin with plenty of water for at least 15 minutes. Hold eyelids open to ensure complete rinsing of eye. Call a physician.

Skin Contact : Thoroughly wash exposed area with soap and water.

Remove contaminated clothing. Launder contaminated clothing before re-use or discard.

Ingestion : **DO NOT INDUCE VOMITING.** Keep person warm, quiet and get medical attention. Aspiration of this material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

### VIII. SPILL and DISPOSAL PROCEDURES

Reportable Quantity (RQ) = 1,000 lbs. (naphthalene)

In case of Spills or Release :

Protective clothing and equipment must be worn.

Small Spills : Add absorbent to spill area and remove for proper disposal.

Large Spills : Dike and Dam large spill. Recover, pump or soak up on inert absorbent for proper disposal. (Incineration.)

**DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.**

### IX. TRANSPORTATION DATA

D.O.T. Proper Shipping Name :

Combustible Liquid N.O.S. (naphthalene),3,NA 1993,PG III

Hazard Class : Combustible Liquid

ID No. : NA 1993

### X. SARA

This product contains a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR.

Component / CAS

Naphthalene / 91-20-3

Weight

10 %

---

**For CHEMICAL EMERGENCY**  
**Spill, Leak, Fire, Exposure or Accident**  
**CALL CHEMTREC - DAY or NIGHT**  
**1-800-424-9300**

---