

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/m³ 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**

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CALL CHEMTREC - DAY or NIGHT

1-800-424-9300
