

SAFETY DATA SHEET

FEIII REPLENISHER 1410

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: FEIII REPLENISHER 1410
PART No.: 14100D
SUPPLIER: BLT Circuit Services Limited
Brome Industrial Estate
Brome, Eye
Suffolk. IP23 7HN
TELEPHONE: 01379 870870
FAX: 01379 870970

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME:	EINECS	CAS No.:	CONTENT	SYMBOL	RISK:
SODIUM CHLORATE	231-887-4	7775-09-9	30-60 %	O,Xn	9, 22

The full text for all R-phrases are shown in section 16

3. HAZARDS IDENTIFICATION:

Harmful if swallowed. Contact with combustible material may cause fire.

4. FIRST AID MEASURES:

INHALATION: Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.

INGESTION: DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

SKIN: Important to remove the substance from the skin immediately. Remove contaminated clothing. Rinse the skin immediately with lots of water. Get medical attention promptly if symptoms occur after washing.

EYES: Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:
Use: Water. DO NOT use CO2 or dry chemicals.

SPECIAL FIRE FIGHTING PROCEDURES:
Use water to keep fire exposed containers cool and disperse vapours. Avoid breathing fire vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS:

OXIDISING! Emits oxygen easily and may cause fire or explosion if heated. May ignite other combustible materials.

HAZARDOUS COMBUSTION PRODUCTS:

RISK OF EXPLOSION IN CLOSED CONTAINERS IF PRESSURE RISES RAPIDLY

6. ACCIDENTAL RELEASE MEASURES:

PERSONAL PRECAUTION IN SPILL:

WEAR GLOVES AND BOOTS

PRECAUTIONS TO PROTECT ENVIRONMENT:

PREVENT CONTAMINATION OF SOIL AND WATER. PREVENT FROM ENTERING INTO DRAINS

SPILL CLEANUP METHODS:

Keep combustibles away from spilled material. Wear necessary protective equipment. Absorb with inert, damp, noncombustible material, then flush area with water. Do not contaminate water sources or sewer.

7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:

Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE CRITERIA:

Oxidizer storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

PROTECTIVE EQUIPMENT:

VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:

Wear approved safety goggles.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENIC WORK PRACTICES:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Liquid.	
COLOUR:	Light yellow.	
DENSITY/SPECIFIC GRAVITY (g/ml):	1.31	TEMPERATURE (°C): 20
pH-VALUE, CONC. SOLUTION:	7.0	
FLASH POINT (°C):	none	METHOD:

10. STABILITY AND REACTIVITY:

STABILITY: Normally stable. Avoid: Contact with combustibles.

CONDITIONS TO AVOID:
Oxidising, avoid contact with reducing agents. Avoid heat. Avoid contact with: Strong mineral acids.

HAZARDOUS DECOMP. PRODUCTS:
Fire or high temperatures create: Highly flammable gases/vapours/fumes of: Oxygen.

11. TOXICOLOGICAL INFORMATION:

HEALTH WARNINGS:

INHALATION. Prolonged inhalation of high concentrations may damage respiratory system.
SKIN CONTACT. Irritating to skin. Prolonged or repeated exposure may cause severe irritation.
EYE CONTACT. May cause severe irritation to eyes.
INGESTION. May cause severe internal injury. May cause stomach pain or vomiting. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.

12. ECOLOGICAL INFORMATION:

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Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. BIO ACCUMULATION -- NO SEWAGE PLANT PROBLEMS ARE ANTICIPATED AT EXPECTED CONCENTRATIONS DEGRADABILITY -- SLOW DEGREDEATION IN SOIL IN AEROBIC CONDITIONS

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:

Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

LABEL FOR CONVEYANCE:**ROAD TRANSPORT:**

UN No. ROAD: 2428
ADR CLASS No.: Division 5.1: Oxidizing substances.
ADR CLASS: 5.1
ADR ITEM No.: 11(b) PACKING GROUP II
HAZARD No. (ADR): 50
ADR MARGINAL: 2501
ADR LABEL No.: 5.1
HAZCHEM CODE: 2S
CEFIC TEC(R) No.: 47A
PROPER SHIPPING NAME I: SODIUM CHLORATE AQUEOUS SOLUTION

RAIL TRANSPORT:
RID CLASS No.: 5.1
RID ITEM No.: 11(b)

SEA TRANSPORT:
UN No. SEA: 2428
IMDG CLASS: 5.1
IMDG PAGE No.: 5179
IMDG PACK GR.: II
EmS No.: 5.1-03
MFAG TABLE No.: 745

AIR TRANSPORT:
UN No., AIR: 2428
ICAO CLASS: 5.1
AIR PACK GR.: II

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES: R-22 Harmful if swallowed.
 R-8 Contact with combustible material may cause fire.

SAFETY PHRASES: S-17 Keep away from combustible material.
 S-24 Avoid contact with skin.
 S-60 This material and its container must be disposed of as hazardous waste.

16. OTHER INFORMATION:

REVISION DATE: OCT 2002
REV. No./REPL. SDS GENERATED: 3
SDS No.: 1410/16/3
R-PHRASES (Full Text) R-9 Explosive when mixed with combustible material.
 R-22 Harmful if swallowed.

THIS SDS IS PRODUCED WITH SAFECEM for WINDOWS