

## **CONOSTAN IRON (FE) STANDARDS**

### **MSDS Number**

BXFTB

### **National Stock Number**

6850-01-213-7418

### **Product Name**

CONOSTAN IRON (FE) STANDARDS

### **Manufacturer**

CONOCO INC

### **Product Identification**

Product ID: CONOSTAN IRON (FE) STANDARDS

MSDS Date: 06/01/1994

FSC: 6850

NIIN: 01-213-7418

Kit Part: Y

MSDS Number: BXFTB

### **Responsible Party**

CONOCO INC

HOUSTON , TX 77252

US

Emergency Phone: 800-424-9300(CHEMTREC)

Info Phone: 405-767-3078

Cage: 5R396

### **Contractor**

CONOCO INC

2197

HOUSTON, TX 77252

US

713-293-5550PRODUCT/ 800-4413637MED

Cage: 5R396

### **Ingredients**

IRON; (IRON ALKYLARYL SULFONATE (% AS FE)) (TYPICAL % IS

CAS: 7439-89-6

RTECS: NO4565500

Fraction By Weight:

OSHA PELN/K

ACGIH TLV: N/K

MINERAL OIL, WHITE

CAS: 8042-47-5

RTECS: PY8047000

OSHA PELN/K

ACGIH TLV: N/K

MINERAL OIL, PETROL DISTILS, SOLV DEWAXED HEAVY PARAFFINIC

CAS: 64742-65-0

RTECS: PY8038501

OSHA PELN/K

ACGIH TLV: N/K

MATL CNTNS

RTECS: 9999999ZZ

NAVIGABLE WATERS & THEREFORE REPORTABLE TO NRC

RTECS: 9999999ZZ

OR DISCOLORATION OF ANY WATER SURFACE.

RTECS: 9999999ZZ

DESCRIBED IN 261.24(A). IF RESIDUAL FAILS

RTECS: 9999999ZZ

HAZ WASTE & MUST BE MANAGED & DISPOSED IN ACCORD

RTECS: 9999999ZZ

40 CFR 268 MAY ALSO APPLY TO RESIDUALS. IF LAND DISP

RTECS: 9999999ZZ

ACCORD W/WASTE SPECIFIC STANDARDS/ALTERNATIVELY IN

RTECS: 9999999ZZ

40 CFR 268.7(A)(8) AND 268.24(C).

RTECS: 9999999ZZ

OF POSSIBLE TOXIC FUMES.

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:THE PRODUCT CONTAINS AN ORGANIC METAL COMPOUND THAT IS INSOLUBLE IN WATER AND IS NOT CONSIDERED TO BE A SIGNIFICANT HEALTH HAZARD. THE PRODUCT, AS WITH MANY PETROLEUM PRODUCTS, MAY CAUSE MINOR SKIN, EYE AND LUNG IRRITATION, BUT GOOD HYGIENIC PRACTICES CAN MINIMIZE THESE EFFECTS.

Explanation of Carcinogenicity:NOT RELEVANT

Effects of Overexposure:SEE HEALTH HAZARDS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

## First Aid

First Aid:INHALATION:REMOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP. IF BRTHG IS DFCLT, GIVE OXYG. CALL MD. SKIN:WASH THORO W/SOAP & WATER AFTER HNDLG. IF IRRIT DEVELOPS & PERSISTS, CONSULT MD. EYE:IMMED FLU SH WITH PLENTY OF WATER FOR AT LEAST 15MINUTES. CONSULT MD. INGESTION:DO NOT INDUCE VOMIT. IMMED GIVE 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PERSON. CALL MD. (SUPP DATA)

## Fire Fighting

Flash Point Method:COC  
Flash Point:>340F,>171C  
Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CO\*2.  
Fire Fighting Procedures:WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP . WATER/FOAM MAY CAUSE FROTHING. USE WATER TO KEEP FIRE-EXPOSED CNTNRS COOL. WATER MAY BE USED (SUP DAT)  
Unusual Fire/Explosion Hazard:PRODUCTS OF COMBUSTION MAY CONTAIN CARBON MONOXIDE, CARBON DIOXIDE AND OTHER TOXIC MATERIALS. NFPA CLASS III B.

## Accidental Release

Spill Release Procedures:NOTE:REVIEW FIRE FIGHT PROC & HNDLG (PERS) SECTIONS BEFORE PROCEEDING W/CLEAN-UP. USE APPROP PERS PROT EQUIP DURING CLEAN-UP. CNTNMENT:PVNT MATL FROM ENTERING SEWERS, WATERWAYS/LOW AREA. CLEAN-UP:SOAK UP W/SAWDUST, SAND, OIL, DRY/OTHER (ING 4)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:AVOID PROLONGED CONTACT WITH SKIN. THIS PRODUCT MUST BE USED UNDER THE SUPERVISION OF A TECHNICALLY QUALIFIED INDIVIDUAL. KEEP CNTNR TIGHTLY CLSD.  
Other Precautions:PERSONS USING PRODUCT SHOULD USE PRUDENT LAB PRACTICES. STORE IN ORIGNAL CONTAINER USED FOR SHIPMENT. COMPONENTS (REMARKS):MAY CONTAIN ONE OR BOTH OF BASE OILS IN INGREDIENTS.

## Exposure Controls

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .  
Ventilation:PROD ARE BURNED IN MOST APPLICATNS. EXHST SYS OVER BURNER MUST BE IN GOOD WORKING ORDER & DESIGNED TO PVNT INHAL(ING 12)  
Protective Gloves:IMPERVIOUS GLOVES.  
Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING PRIOR TO REUSE.  
Supplemental Safety and Health  
FIRE FIGHT PROC:TO FLUSH SPILLS AWAY FROM EXPOSURES. HAZ DECOMP PRODS:INCOMPLETE COMBUSTION. FIRST AID PROC:NOTES TO MD:ACTIVATED CHARCOAL MIX MAY BE ADMIN. TO PREPARE ACITIVATED CHARCOAL MIX, SUSPEND 50 GRAMS ACTIVATED CHARCOAL IN 400 ML WATER & MIX THORO. ADMIN 5 ML/KG, OR 350 ML, FOR AN AVERAGE ADULT.

## Chemical Properties

Boiling Pt:B.P. Text:>599F,>315C  
Vapor Pres:NEGLIGIBLE  
Spec Gravity:0.6-0.9(H\*20=1)  
Evaporation Rate & Reference:NEGLIGIBLE  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:BROWN (DARK), OILY LIQUID, NO DISTINCT ODOR.  
Percent Volatiles by Volume:NEG

## Stability

Stability Indicator/Materials to Avoid:YES

INCOMPATIBLE OR CAN REACT WITH STRONG OXIDIZERS.

Stability Condition to Avoid: AVOID HEAT, SPARKS AND FLAME.

Hazardous Decomposition Products: NORM COMBUST FORMS OXIDES OF CARBON, OXIDES & OTHER CMPDS OF IRON. CARBON MONOXIDE MAY BE FORMED FROM (SUPP DATA)

## Disposal

Waste Disposal Methods: TREATMENT, STOR, TRANSPORTATION & DISP MUST BE IN ACCORD W/APPLIC FED, STATE/PROVINCIAL & LOC REGS. DO NOT FLUSH TO SURF WATER/SANITARY SEWER. MATL MAY CNTN METALS LISTED IN 40 CFR 261.24 TOX CHARACTE RISTIC, & RESIDUALS SHOULD BE TESTED AS (ING 7)

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