



# Pro-Chem-Co.

*Roll with the Pro's*

## Material Safety Data Sheet

**PRODUCT NAME:** PRO-CLEAN FE  
**CHEMICAL NAME & SYNONYMS:** DETERGENT/ALKALI BLEND  
**RECOMMENDED USE:** INDUSTRIAL CLEANING

**INFORMATION PHONE:** 219-962-8554  
**EMERGENCY PHONE:** 1-800-535-5053

### HMIS

|                     |          |
|---------------------|----------|
| <b>HEALTH</b>       | <b>3</b> |
| <b>FLAMMABILITY</b> | <b>0</b> |
| <b>REACTIVITY</b>   | <b>0</b> |

### I. PHYSICAL DATA & CHEMICAL DATA

**BOILING POINT:** 220 F  
**VAPOR PRESSURE:** N/D  
**SOLUBILITY IN WATER:** Complete  
**EVAPORATION RATE:** Same as water  
**SPECIFIC GRAVITY:** 1.343  
**PERCENT VOLATILE BY VOLUME:** N/D  
**APPEARANCE:** Clear, Liquid  
**ODOR:** Bland  
**PHYSICAL STATE:** Liquid  
**VAPOR DENSITY:** >1  
**pH CONC (As Shipped)** 13.5 TYP

### II. POTENTIALLY HAZARDOUS INGREDIENTS

CAS # 1310-58-3 %: 23

CAS # 1310-73-2 %: 5

SEE SECTIONS IX & X FOR FURTHER DATA

### III. FIRE AND EXPLOSION DATA

**FLASH POINT:** NONE  
**FLAMMABLE LIMITS:** N/D      **LOWER:** N/A      **UPPER:** N/A  
**EXTINGUISHING MEDIA:** WATER MIST, CARBON DIOXIDE, FOAM, DRY CHEMICAL  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Cool containers exposed to fire with water spray. Use self contained breathing apparatus with full face piece & protective clothing.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known

## IV. REACTIVITY DATA

|  |                         |
|--|-------------------------|
| <b>STABILITY:</b>                        | Stable                  |
| <b>CONDITIONS TO AVOID:</b>              | N/A                     |
| <b>INCOMPATIBILITY:</b>                  | Oxidizing agents, acids |
| <b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> | Steam, carbon dioxide   |
| <b>HAZARDOUS POLYMERIZATION:</b>         | Will not occur.         |

## V. HEALTH HAZARD DATA

### PUBLISHED EXPOSURE LIMITS

CAS # 1310-58-3 OSHA 2 MG/M3

CAS # 1310-73-2 OSHA 2 MG/M3

### EFFECTS OF OVEREXPOSURE

#### ACUTE:

Inhalation: Acute effect unlikely.

Skin: Acute effect unlikely.

Eyes: Contact will cause irritation.

Ingestion: May cause upset stomach and diarrhea.

#### CHRONIC:

Inhalation: Long-term exposure to vapors/mists may cause pulmonary irritation, dizziness, and nausea.

Skin: Prolonged contact may cause various skin disorders.

Eyes: Prolonged contact will cause irritation.

Ingestion: Prolonged ingestion may cause upset stomach and diarrhea.

**CARCINOGENICITY**                      **NTP:**      None                      **IARC:**      None                      **OSHA REGULATED:**      None

#### INHALATION:

Remove to fresh air and provide oxygen if breathing is difficult.

#### INGESTION:

DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

#### EYE CONTACT:

Flush with water for 15 minutes while holding eyelids open. If irritation occurs, call a physician.

#### SKIN CONTACT:

Wash with water.

## **VI. SPILL & LEAK PROCEDURES**

### **IF MATERIAL IS RELEASED OR SPILLED:**

Recover free liquid. Flush with water.

### **WASTE DISPOSAL:**

Disposal procedures must be in accordance with Local, State, and Federal Regulations.

## **VII. SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** Natural ventilation normally sufficient.

**LOCAL EXHAUST:** N/A                                  **SPECIAL:** N/A

**MECHANICAL (GENERAL):** For closed space        **OTHER:** N/A

**PROTECTIVE GLOVES:** Chemical resistant

**EYE PROTECTION:** Splash goggles, face shield, or glasses.

### **OTHER PROTECTIVE EQUIPMENT:**

Chemical apron if needed to avoid prolonged or repeated contact.

## **VIII. SPECIAL PRECAUTIONS**

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Store between 70-100 F. Store in carbon steel tank or drums away from a source of heat or open flame.

Empty containers contain product residue. Do not cut or weld on or near container. Store in a well ventilated area.

### **PERSONAL HYGIENE:**

Wash thoroughly before meals and at end of work periods. Launder or dry-clean soiled clothing before reuse.

Discard shoes that become saturated with product.

## IX. ENVIRONMENTAL REGULATIONS/FEDERAL EPA

### SARA III (Superfund Amendment and Reauthorization Act of 1986)

#### 40 CFR Part 372 and 40 CFR Part 355

#### Sections 302, 304, and 40 CFR 355 - Extremely Hazardous Substances:

| COMPONENT | RQ (lbs.) | TPQ (lbs.) | CAS# |
|-----------|-----------|------------|------|
| NONE      |           |            |      |

#### Sections 311, 312, and 40 CFR 355 - Hazard Categories:

|                                  |     |                  |    |
|----------------------------------|-----|------------------|----|
| ACUTE (IMMEDIATE HEALTH HAZARD): | YES | FIRE HAZARD:     | NO |
| CHRONIC (DELAYED HEALTH HAZARD): | YES | REACTIVE HAZARD: | NO |
| SUDDEN PRESSURE RELEASE:         | NO  |                  |    |

#### Section 313 and 40 CFR Part 372

| COMPONENT | CAS# |
|-----------|------|
| NONE      |      |

### CERCLA (Comprehensive Environment Response, Compensation and Liability Act)

#### Section 102 - Hazardous Substances:

| COMPONENT | RQ (lbs.) | CAS# |
|-----------|-----------|------|
| NONE      |           |      |

### CLEAN WATER ACT:

Under section 311 (b)(4) of this act, contamination of surface waters by petroleum products must be reported immediately to the National Response Center.

## X. PRECAUTIONARY LABEL TEXT

FOR INDUSTRIAL USE ONLY.

NOT INTENDED OR SUITABLE FOR USE IN OR AROUND A HOUSEHOLD OR DWELLING.

ATTENTION:

EMPTY CONTAINERS CONTAIN PRODUCT RESIDUE, INCLUDING IGNITABLE VAPORS. DO NOT CUT OR WELD. REFER TO MATERIAL SAFETY DATA SHEET FOR FURTHER SAFETY AND HEALTH INFORMATION.

**HMIS/NFPA HAZARD: 4 = SEVERE 3 = SERIOUS 2 = MODERATE 1 = SLIGHT 0 = MINIMAL**  
**N/D = NOT DETERMINED N/A = NOT APPLICABLE < = LESS THAN > = GREATER THAN**

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