

# Pro Products, LLC

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**CHEMICAL EMERGENCY HOTLINE: 1-877-854-7817**

PRODUCT NAME: **FERROVER IRON PILLOWS**

PRODUCT DESCRIPTION: WHITE POWDER, SULFUR ODOR

MATERIAL SAFETY DATA SHEET ESSENTIALLY SIMILAR TO OSHA-20

NE=NOT ESTABLISHED NA=NOT APPLICABLE

## SECTION 1 - GENERAL INFORMATION

CHEMICAL FAMILY: Dry Powder Blend HAZARD SIGNALS:  
HAZARD CLASSIFICATION: Not regulated HEALTH 2 INSTABILITY 0  
SHIPPING NAME: Not regulated, use product name. FIRE 0 OTHER  
(0=insignificant; 1=slight; 2=moderate  
3=high; 4=extreme. Describes short term hazards only)

## SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	TLV	OSHA PEL	Section 313?	% (optional)
Sodium Metabisulfite	7681-57-4	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	No	---
Sodium Hydrosulfite	7775-14-6	NE	NE	No	---
Sodium Thiosulfate	7772-98-7	NE	NE	No	---
Sodium Citrate	68-04-2	NE	NE	No	---
1,10-Phenanthroline-p-toluenesulfonic-Acid Salt	92798-16-8	NE	NE	No	---

## SECTION 3 - PHYSICAL DATA

Boiling point	NA.	Vapor density	NA.
Specific gravity	2.21	Vapor pressure	NA.
Melting Point	>400°C	Evaporation rate	NA
Appearance and odor	see document header	Solubility in water	Soluble

## SECTION 4 - FIRE AND EXPLOSION

FLASH POINT(temp at which it gives off combustible vapors) n.a.  
Flammable limits-- lower: Non-combustible  
Flammable limits-- upper: Non-combustible  
EXTINGUISHING MEDIA: Dry chemical, alcohol foam or carbon dioxide  
SPECIAL FIRE FIGHTING PROCEDURES: None  
UNUSUAL FIRE & EXPLOSION HAZARDS: Heats spontaneously in contact with water, may react with oxidizers

## SECTION 5 - REACTIVITY DATA

STABLE: yes CONDITIONS TO AVOID: Avoid contact to with water, acid s, combustibles, organics or oxidizers, sodium nitrite, aluminum powder; extreme heat or flames; excess moisture; exposure to light  
INCOMPATIBILITY: Heats spontaneously with water, may react with oxidizers.  
HAZARDOUS DECOMPOSITION PRODUCTS: Toxic fumes at SO<sub>x</sub>, Na<sub>2</sub>O in fire; corrosive fumes in contact with water or acid.  
HAZARDOUS POLYMERIZATION: Will not occur.

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## SECTION 6 - HEALTH HAZARD DATA

Threshold limit value: Oral Rat. LD50 = 1400 mg/kg = moderately toxic.

Health hazards - Chronic May cause irritation.

This product has not been identified as a carcinogen or probable carcinogen by: NTP, IARC Monographs, or OSHA. Testing was inconclusive for an ingredient in this mixture. An ingredient in this mixture is an experimental mutagen.

Medical conditions generally aggravated by exposure: May cause irritation; may cause allergic respiratory reaction, especially may aggravate conditions such as asthma. If swallowed may cause diarrhea, abdominal pain.

### EFFECTS OF OVEREXPOSURE

EYES May cause irritation

SKIN Possible irritation.

INHALATION May cause irritation to respiratory tract and may cause allergic respiratory tract reaction.

INGESTION May cause diarrhea and abdominal pain.

### EMERGENCY AND FIRST AID PROCEDURES

EYES Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if applicable. Contact a physician.

SKIN Rinse thoroughly with soap and water. Remove contaminated clothes and wash before reuse. Contact a physician if irritation persists.

INHALATION Remove to fresh air. If breathing difficulties occur seek medical attention.

INGESTION Drink 1 to 2 glasses of water. Do not induce vomiting. Call for medical advice or assistance

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## SECTION 7 - PROTECTIVE EQUIPMENT

RESPIRATOR TYPE: none normally required.

VENTILATION Use with adequate ventilation to avoid breathing dust. (product is dedusted). Avoid breathing concentrated mists or sprays.

EYE PROTECTION safety goggles and/or face shield where conditions warrant.

PROTECTIVE GLOVES Disposable latex.

OTHER PROTECTIVE EQUIPMENT Eyewash stations. Lab Coat.

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## SECTION 8 - PRECAUTIONS FOR HANDLING AND USE

HANDLING AND STORING: Incidental contact with this product normally causes no harm. However, as with any industrial chemical, some basic safety measures should be observed. Guard against ingestion of dusts, etc. and wash thoroughly after handling. Do not get in eyes, on skin, or leave on clothing.

OTHER PRECAUTIONS: Store in a cool dry , place away from sources of contamination. Keep container closed to avoid caking or contamination.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: In small batches, dilute with excess water in a beaker, neutralize with soda ash. Flush drain with excess water.

WASTE DISPOSAL METHODS: Dispose of waste as allowed by local, state and federal regulations.

DISCLAIMER: The above information is, to the best of our knowledge, current, accurate, and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us as to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exceptional conditions or circumstances exist or because of applicable laws or regulations.

### RECORD OF CHANGES TO MSDS Ferover Iron-Pillows (keep with MSDS original, but do not copy with MSDS)

Previous changes have been:

Date: Description of Changes Made:

04/18/95 None

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