

**Product Name: Heavy Duty
Pre-Wash**
**Product Number: 415C, 415D,
415P16, 415P4,
415P8**

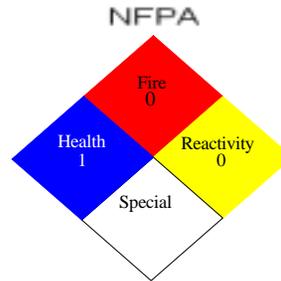


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MATERIAL SAFETY DATA SHEET

I. PRODUCT INFORMATION

Product Name: Heavy Duty Pre-Wash
Product Number: 415C, 415D, 415P16, 415P4, 415P8
Chemical Name:
Synonyms:
CAS Number:
CAS Name:
DOT Hazard Classification:
DOT Shipping Name:



HMIS

1 Health
0 Flammability
0 Reactivity
Pers. Protection

II. HAZARDOUS INGREDIENTS

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>Percent (%)</u>	<u>Non-Hazardous Components</u>	<u>CAS Number</u>	<u>Percent (%)</u>
Sodium Metasilicate	6834-92-0	49.08	Sodium Tripolyphosphate	7758-29-4	9.70
Soda Ash	497-19-8	39.26	Pirosil Plus	112926-8	1.96

III. PHYSICAL AND CHEMICAL PROPERTIES

Freezing Point:	N/A	Vapor Density:	N/A
Boiling Point:	N/A	Vapor Pressure:	N/A
Melting Point:	N/A	Evaporation Rate:	N/A
Specific Gravity:	N/A	Appearance and Odor:	White, granular material with a lemon fragrance.
Solubility in Water:	100%		

IV. FIRE AND EXPLOSION HAZARD DATA

Unusual Fire/Explosion Hazards:	Hazardous combustion products may be formed in a fire situation.		
Upper Explosive Limit:	N/A	Flash Point:	N/A
Lower Explosive Limit:	N/A	Fire Extinguishing Media:	Water, foam, dry chemical

V. REACTIVITY DATA

Stability:	Stable	Incompatibilities:	Aluminum, strong acids, fluorine, magnesium, phosphorus pentoxide
Conditions to Avoid:	Extreme heat Moisture may cause caking		
Hazardous Polymerization:	Material not known to polymerize	Hazardous Decomposition Byproducts:	Carbon dioxide

VI. HEALTH HAZARD DATA

Health Hazards:

Eye and skin irritation may result from contact. May cause permanent eye damage. Corrosive
Damage of lung tissue may result from inhalation.
Gastrointestinal irritation and burning of mucous membranes could occur if swallowed.

Primary Routes of Entry:

Eyes, skin, inhalation, oral

OSHA PEL: ACGIH TLV:

5 mg/m³
3 mg/m³
Respirable Dust

Medical Conditions Generally Aggravated by Exposure:

None known

Carcinogenicity:

Non-carcinogenic

OSHA Not listed
NTP Not listed
IARC Not listed

Signs and Symptoms of Exposure:

Redness and burning of the eyes.
Burning or redness of the skin could result from contact.
Coughing, sneezing, or other symptoms of upper respiratory tract irritation may result from inhalation.
Burning of mucous membranes could indicate ingestion of material.

VII. PERSONAL AND PROTECTIVE EQUIPMENT

PPE:

General Use

Chemical safety goggles
Chemical resistant gloves
Long sleeved shirt and pants
N/A

Emergency Use

Chemical safety goggles
Chemical resistant gloves
Long sleeved shirt and pants
Wear a NIOSH/MSHA approved respirator, where airborne contaminants may occur.

Respiratory Protection:

VIII. EMERGENCY AND FIRST AID PROCEDURES

First Aid: If eye contact occurs, immediately flush eyes with a directed stream of water for 15 minutes, holding eyelids apart to ensure complete irrigation of eye and lid tissue. Seek medical attention.

If skin contact occurs, flush thoroughly with cool water. Remove contaminated clothing.

If inhaled, remove person to fresh air.

If swallowed, give large quantities of water. Do not induce vomiting. Seek medical attention.

Spill: Dry material can be shoveled up and placed in an appropriate container. Liquid material can be removed with a vacuum. Flush spill area with water. All clean-up material should be removed for proper treatment or disposal. Spills on other than pavement (e.g., dirt or sand) may be handled by removing the affected soil and placing in approved containers.

Special Fire Fighting Procedures: None

IX. PREVENTATIVE MEASURES

Procedures for Material Release or Spill:

Dry material can be shoveled up and placed in an appropriate container. Liquid material can be removed with a vacuum. Flush spill area with water. All clean-up material should be removed for proper treatment or disposal. Spills on other than pavement (e.g., dirt or sand) may be handled by removing the affected soil and placing in approved containers.

Work and Hygienic Practices:

Wash thoroughly with soap and water after handling. Avoid eye and skin contact. Avoid breathing airborne particulates.

Handling and Storage:

Always add product slowly to liquid surface, with constant stirring to assure that product is completely dissolved as it is added. Keep container tightly closed and properly labeled. Store away from incompatible materials.

Ventilation Requirements:

Local exhaust ventilation, as necessary.

Other Procedures:

Dispose of material in accordance with federal, state, and local regulations.

The information herein is given in good faith, but no warranty, expressed or implied, is made.