

MATERIAL SAFETY DATA SHEET

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DATE: 01/30/2001

SECTION I Product Identification

PRODUCT NAME: EQ 3

SECTION II Hazardous Ingredients

Ingredient:	OSHA PEL	ACGIH TLV	%
Sodium Metasilicate CAS # 006834-92-0		none established	74.0%
Sodium Tripolyphosphate CAS # 007758-29-4		none established	20.0%
Proprietary Surfactant Blend CAS # proprietary		none established	5.0%
Sodium Nitrite		none established	1.0%

No ingredient in this product is listed as a carcinogen by NTP, IARC, or OSHA.

SECTION III Health Hazards

Routes of Exposure:

Eyes: Can cause tissue destruction and permanent eye damage if not treated immediately.

Skin: Brief contact with this product may cause slight reddening and irritation. More prolonged and widespread contact, as with chemical-saturated clothing, may cause itching, swelling and possible damage to the skin.

Potential Effects of Exposure:

Acute:

Irritating and corrosive to eyes, skin, mucous membranes of the mouth, throat, esophagus and stomach. Can cause permanent corneal damage.

Chronic:

No known chronic effects are known for this product.

Signs and Symptoms of Exposure: Irritation as noted above. This product may not produce an immediate burning sensation upon skin contact, delaying the awareness of the person that contact has occurred.

Aggravated Medical Conditions: Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product.

First Aid:

Eyes: Flush eyes with plenty of water for 15 minutes while holding eyelids open. Get medical attention.

Skin: Remove contaminated clothing/shoes. Flush with water. Follow by washing with soap and water. Get medical attention. Do not reuse clothing until cleaned.

Inhalation: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

Ingestion: Do not induce vomiting. Drink 3 to 4 glasses of water followed by a weak vinegar solution. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into lungs. Get medical attention.

SECTION IV Special Protection Information

Respiratory Protection: If exposure exceeds occupational exposure limits (see SEC.II) use a NIOSH approved respirator.

Ventilation Required: Use only with ventilation sufficient to prevent exceeding recommended exposure limit. Use corrosion-proof equipment.

Protective Clothing:

Eyes: Use chemical resistant glasses or goggles.

Skin: Use chemical resistant clothing to prevent undue bodily contact.

Additional Protective Measures: none

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SECTION V Fire & Explosion Hazard Data

Flash Point (Method Used): none (COC)

Extinguishing Media: As required for surrounding fire.

Flammable Limits (% Volume in Air)

Special Fire Fighting Procedures: None

Upper: non combustible

Unusual Fire and Explosion Hazards: None

Lower: non combustible

SECTION VI Physical Data

Boiling Point: Not applicable

Evaporation Rate (Butyl Acetate=1): Not applicable

Vapor Pressure (mm Hg): Not determined

pH: 1% solution 12.5

Percent Volatile by Volume: Nil

Melting Point: Not determined

Vapor Density (Air=1): Not determined

Specific Gravity (Water)=1: Not determined

Solubility in Water @ 72 deg. F. 7% by weight

Appearance and Odor: White to yellow powder, slight odor

SECTION VII Reactivity Data

Stability: stable

Hazardous Decomposition Products: Carbon monoxide and other unidentified organic compounds may be formed during combustion.

Incompatibility: Strong oxidizing materials and acids.

Hazardous Polymerization: Will not occur

SECTION VIII Spill and Leak Procedures

Steps to be Taken if Material Released or Spilled: Collect large spills for disposal. Flush small spills with water.

Precautions to be Taken in Handling and Storage: Avoid contact with eyes. Keep container closed when not in use. Use with adequate ventilation. Wash thoroughly after handling.

Waste Disposal Method: In accordance with all Federal, State and local regulations.

Other Precautions: none

SECTION IX D.O.T. Shipping Information:

Proper Shipping Name: Not regulated

ID Number: None

Hazard Class: Not regulated

Label Requirements: None

SECTION X Section 313 Supplier Notification (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Chemical Name
and CAS #

% By
Weight

None

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