

Tetrasodium orthosilicate (cas 13472-30-5) MSDS

MATERIAL SAFETY DATA SHEET

Emergency: (800) 424-9300, (202) 483-7616, (707) 820-4080

Product Name: Power Wash HD Effective Date: June 5, 2007

Product Code: GBS101 Supercedes: July 19, 2004

Manufactured By: NuGeneration Technologies, LLC, 100 Professional Center Drive Suite 101, Rohnert Park, CA 94928 www.nugentec.com

Proper Shipping Name: Non-regulated Material, Cleaning compound N.O.B.I.N. Class 55

HAZARDOUS INGREDIENTS

Chemical Name CAS# PCNT% TLV/PEL (TWA) SARA III PROP 65 Carcinogen

Sodium Metasilicate 13472-30-5 4.00 % None None No No No

121 mg/m³

Ethylene Glycol Monobutyl ether 13472-30-5 4.00 % None No No No

PHYSICAL DATA

Boiling Point: 212?? F pH (as is): 12.5 Viscosity: 1-3 cps Vapor Pressure: Not Available

Specific Gravity: 1.05 (8.8 lbs per gallon) Evaporation Rate: <1 Solubility: Complete Boiling Point: Not Available

Appearance & Odor: Clear Blue Liquid, mild Odor Reactivity in Water: None Melting Point: N/A Volatiles (VOC): 0% (does not include water)

FIRE & EXPLOSION DATA

NFPA 704 Hazard Rating (4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Minimal):

Health: 1 Slightly Hazardous Flash Point: N/A

Fire: 0 Not flammable Method Used: Cleveland Open Cup

Reactivity: 0 Stable Flammability Levels (LEL/UEL): N/A

Extinguishing Media: This product is not combustible. Use water spray, foam, carbon dioxide, or dry chemical.

Fire and Explosion Hazard: None.

Conditions to Avoid: Open flames, welding arcs, or other high temperature sources that induce thermal decomposition, which produce toxic fumes.

REACTIVITY DATA

Materials to Avoid: Strong acids.

Stability: Stable Hazardous Decomposition Products: None Hazardous Polymerization: Will not occur.

HEALTH HAZARDS

Eye Contact: Causes moderate to severe irritation. Prolonged or repeated contact can cause redness and tearing.

Skin Contact: May cause dryness with prolonged contact.

Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: Spray or mist can be irritating to the upper respiratory tract.

FIRST AID

Eyes: Flush out immediately for at least 20 minutes with running water and seek medical attention. Washing eyes within one minute is essential to minimizing eye damage. Hold eyelids apart to ensure flushing of the entire surface.

Skin: Wash with water. If irritation persists, seek medical attention.

Ingestion: Never give anything to and unconscious person. If swallowed, induce vomiting. Give large quantities of water or milk. If vomiting occurs, keep airways clean. Seek medical attention.

Inhalation: Move person to fresh air and way from exposure. If breathing is difficult, administer oxygen and seek medical attention. Give artificial respiration if victim is not breathing.

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Power Wash H

SPILL OR LEAK PROCEDURES

Steps to Contain:

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leaks if you can do it without risk. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing (rubber boots and gloves). Contain spills with dry earth, sand or other non-combustible material and transfer to containers. Sweep up powder spills and transfer to containers. DO NOT GET WATER INSIDE CONTAINERS.

Recommended Waste Disposal Method:

The materials resulting from the cleanup may be hazardous waste and, therefore, subject to specific regulations. Package, store, transport, and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health environmental regulations. Shipments of waste materials are subject to manifesting requirements per applicable regulations. Ensure that all responsible federal, state, and local agencies receive proper notification of spills and disposal methods.

SPECIAL PROTECTION

Respiratory: None under normal use conditions.

Eye: None under normal use conditions.

Clothing: None under normal use conditions.

Comments: None under normal use conditions.

SPECIAL PRECAUTIONS

Storage: Keep in a cool, dry place.

Handling: Do not stack or palletize over three high.

USER'S RESPONSIBILITY

It is the user's responsibility to provide a safe workplace. He or she should consider the health hazard and safety information contained herein as a guide and take those precautions required in an individual operation to instruct employees and develop work practice procedures for an safe work environment.

The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations.

ADDITIONAL REGULATORY INFORMATION

This product contains the following chemicals that are subject to the regulations mentioned below. As a supplier of the product, we are required to inform you of their presence so that you may determine you need to comply. If the chemical listed below is subject to the reporting requirements of SARA Title III, Section 313 of 40CFR372, you must include the section 313 notice on any copies of redistribution of this MSDS.

NTP/IARC/OSHA Carcinogens: NONE

SARA Title III, CFR372 Hazardous substance notification requirements

Section 302/304: NONE

Section 304 (CERCLA): NONE

Section 313 Tier I/II: NONE
Section 313 Reporting: NONE

Proposition 65 (California's Safe Water and Toxic Act of 1986): NONE

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