

Material Safety Data Sheet Powdered Concrete Cleaner

Section 1. Chemical Product and Company Identification

Product Name	Powdered Concrete Cleaner	
Product Number	NTP PCC	
Manufacturer/ Supplier	NuTech Specialties, Inc. 9811 So. 6150 W. West Jordan, UT 84088	
Phone Number	(801) 253-1000 (Mon-Fri/ 8am- 5pm MT)	
D.O.T. Emergency Phone:	1-800-633-8253	
Date of Preparation	October 24, 2012	Revision Number 1.0

Section 2. Hazards Identification

Emergency overview	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
DANGER!	
Keep out of reach of children. Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work-station location. S24/25- Avoid contact with skin and eyes.	
Potential Acute Health Effects	Eye contact can result in corneal damage or blindness. Corrosive to skin and eyes on contact. Inhalation of the spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.
Routes of Entry	Skin contact. Ingestion. Eye Contact.
Eyes	Severely corrosive to the eyes.
Skin	Severe skin irritant. Remote possibility of de-fatting action
Inhalation	May irritate nose and throat
Ingestion	Extremely corrosive to the mouth and throat. May result in severe chemical burns. May cause severe abdominal pain, nausea, vomiting, and possible collapse.
Medical conditions aggravated by exposure:	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
Potential Chronic Health	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.
Target Organs	
Environmental Effects	Not available

Section 3. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Sodium Carbonate	497-19-8	55%		N/A
Disodiumtrioxosilicate	6834-92-0	30%		N/A
Sodiumtripolyphosphate	7758-29-4	15%		15/10

Section 4. First Aid Measures

Eye Contact	Wash eyes out with clear water for at least 15 minutes
Skin Contact	Wash skin with clear water for at least 15 minutes
Inhalation	Get to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
Ingestion	Have conscious person drink large quantities of water. Seek immediate medical attention.
General Advice	In case of Accident or if you feel unwell, seek medical advice immediately (show label or MSDS where possible).
Notes to Physician	Not available

Section 5. Fire Fighting Measures

Flammability	Non flammable
Fire Fighting Media and instructions	N/A
Products of Combustion	Not available
Special Remarks on Fire Hazards	N/A
Special Remarks on Explosion Hazards	N/A
Sensitivity to Mechanical Impact	N/A
Sensitivity to Static Discharge	N/A
Protection of Fire Fighters	See special remarks on Fire Hazards

Section 6. Accidental Release Measures

Personal Precautions	Face shield. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.
Methods for Containment	if clean return to drum. IF dirty sweep up and dispose of in trash; or flush with water
Environmental Precautions	See Methods for Containment

Methods for Clean Up See Methods for Containment

Section 7. Handling and Storage

Precautions Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water.

Incompatibility Strong acids

Storage Corrosive materials should be stored in a separate safety storage cabinet or room. Keep out of reach of children. For Institutional and Commercial Use. Keep drum covered to prevent contamination

Keep out of reach of children.
Keep container closed during storage. Ensure that eyewash stations and safety showers are proximal to the work station location. S24/25- Avoid contact with skin and eyes.

Section 8. Exposure Controls/Personal Protection

Engineering Controls

Personal Protection Good general ventilation should be sufficient to control airborne levels.

Eyes Splash goggles or Face Shield.

Body Additional body garments should be used based upon the task being performed (e.g., sleevelets, apron, gauntlets, disposable suits) to avoid exposed skin surfaces.

Respiratory Wear appropriate respirator when ventilation is inadequate.

Hands Gloves

Protective Clothing (Pictograms)



Exposure Limits Consult local authorities for acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance Free flowing yellow powder

Molecular Weight N/A

Ph 12 in 1% water solution

Boiling/Condensation Point N/A

Melting/Freezing Point N/A

Critical Temperature	N/A
Instability Temperature	N/A
Specific Gravity	(H2O = 1): N/A
Vapor Pressure	(Non-Aerosols)(mm Hg and Temperature): N/A
Vapor Density	(Air = 1)
Volatility	N/A
VOC	N/A
Evaporation Rate	(H2O = 1): N/A
Dispersion Properties	N/A
Solubility	Water soluble
The Product is:	Alkaline Powder
Auto-ignition Temperature	N/A
Flash Points	N/A
Flammable Limits	N/A
Fire Hazards in Presence Of Various Substances	N/A
Explosion Hazards in Presence of Various Substances	N/A
Odor	Pine
Color	Yellow

Section 10. Stability and Reactivity Data

Stability	The product is stable
Incompatibility with Various Substance	Strong Acids
Hazardous Decomposition Products	Not available

Section 11. Toxicological Information

Routes of Entry	Skin Contact. Ingestion. Eye Contact
Toxicity to Animals	
Acute Effects on Humans	
Eyes	Severely corrosive to the eyes. Eye contact can result in corneal damage or blindness.
Skin	Severe skin irritant. Prolonged or repeated contact may cause severe chemical burns.
Inhalation	Irritating to the mucous membranes in the nose, throat, and lungs. May cause coughing, chest pain, and difficulty breathing. Prolonged exposure may result in tissue damage.

Ingestion	Extremely corrosive to the mouth and throat. May result in severe chemical burns. May cause severe abdominal pain, nausea, vomiting, and possible collapse
Chronic Effects on Humans	Prolonged exposure may result in skin burns and ulcerations. Severe over-exposure can produce lung damage, choking, unconsciousness or death.
Special Remarks on Toxicity to Animals	No additional remark
Special Remarks on Chronic Effects on Humans	No additional remark

Section 12. Ecological Information

Ecotoxicity	Toxic in concentrated form, due to high PH practically non toxic in diluted or neutralized form
BOD5 and COD	Not available
Products of Biodegradation	Toxic in concentrated form, due to high PH practically non toxic in diluted or neutralized form
Toxicity of the Products of Biodegradation	Product id practically non toxic
Special Remarks on the Products of Biodegradation	Not available

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Detergents are biodegradable

Section 14. Transport Information

DOT (U.S.A.) (Pictograms)	
TDG Classification	
PIN UN, Proper Shipping Name, PG	Non hazardous
Maritime Transportation	Not available
Special Provisions for Transport	Not available

Section 15. Regulatory Information and Pictograms

Regulatory Lists	No products were found.
Other Regulations	OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).
Other Classifications	HCS (U.S.A.) HCS Class: Corrosive Liquid. HCS Class: Toxic.

USA Regulatory Lists This product does NOT contain components that are known to the state of California to Cause Cancer or Reproductive Harm at or above California Prop 65 No Observable Effect Level (NOEL)
 SARA 302 Extremely Hazardous Substances - Not listed
 SARA 311 - 1. Immediate (acute) health hazard
 2. Delayed (chronic) health hazard
 SARA 313 Toxic Chemical List – Not listed

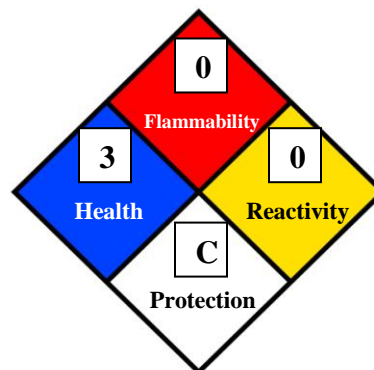
DSD (EEC) R22- Harmful if swallowed.
 R35- Causes severe burns.

International Regulations Lists No Products were found.

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)



WHMIS (Classification) WHMIS CLASS E: Corrosive Liquid. WHMIS CLASS D-1: Material causing immediate and serious toxic effects.

The Hazard Ranking systems presented on this MSDS sheet provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Expiry Date 3 (Three Years) from the date of preparation indicated in Section 1.

Validated by _____ **Verified by** _____

Information Contact _____ **Printed** _____

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on _____ **NuTech Specialties, Inc.**