

Safety Data Sheet

Chemical Dynamics, Inc.

Revision Date: 18-Sept-2024

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: C-PAK QUARRY TILE-CLEANER

Product Number:

Recommended Use: Acid Detergent

Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Chemical Dynamics, Inc.
1923 Industrial Drive
Ruston, LA 71270
PO Box 13350
318-255-2952
Graham Crump

Emergency/Information: Chemtrec 1-800-424-9300

Product Technical Information: 1-318-255-2952

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Powder
Color	White
Odor	Mild
Hazards	Corrosive, Irritant

GHS Classification

Skin Corrosion: Category 1A

Serious Eye Damage: Category 1

Corrosive Substance: Category 8

GHS Label Elements**Signal Word:****Danger****Symbols:****Hazard Statements:**

Causes severe skin burns and serious eye damage.

Precautionary Statements**Prevention:**

Do not breathe mist, vapors, or spray.

Wash hands and any exposed skin thoroughly after handling.

Wear protective gloves. Wear eye/face protection. Wear protective clothing.

Response:

- Eyes:** Causes irritation and/or burns and may result in permanent injury to eyes including blindness

- **Skin:** Causes irritation and/or corrosive burns. Brief exposures may cause irritation and defatting of the skin.
- **Inhalation:** Possible throat and respiratory tract irritant. High vapor concentrations may cause central nervous system effects. Symptoms may include headaches, dizziness, drowsiness and death.
- **Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea, and death.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	Hazard	CAS#	OSHA PEL	ACGIH TLV	%
Alcohol Ethoxylate	Irritant	68131-39-5	NA	NA	1-5
Phosphoric Acid	Corrosive	7664-38-2	1mg/m ³	1mg/m ³	15-20

4. FIRST AID MEASURES

- **Eye Contact:** Flush immediately with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention at once.
- **Skin Contact:** Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center doctor for treatment advice
- **Inhalation:** If symptoms are experienced, move victim to fresh air. If person is not breathing, call 911 or an ambulance, then give the artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
- **Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have the affected person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person

Note to Physicians: Possible mucosal damage may contraindicate the use of gastric lavage. Exposed patients must be treated symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, dry chemical, carbon dioxide or foam extinguishing agents must be used unless contraindicated by surrounding environment.

Specific Hazards Arising from the Chemical:

None known

Hazardous Combustion Products:

Thermal decomposition of this product may generate oxides of carbon

Protective Equipment and Precautions for Firefighters:

Prevent human exposure to fire, smoke, fumes or products of combustion. Evaluate non-essential personnel from fire area. All ignition sources should be extinguished. Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing. Keep containers cooled with water spray to prevent rupture from excess heat.

Flash Point (Method): N/A

Flammable Limits: Not determined.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Floors may be extremely wet if spilled. Wear appropriate safety gears to avoid skin or eye contact. Dike and contain spill with inert material (sand, clay). To separate containers for recovery or proper disposal transfer liquid and solids. Keep spill out of sewers and open bodies of water. After removal, flush area with water. Follow good industrial hygiene practices. Thoroughly wash after clean up. If uncertain about proper disposal, contact local waste disposal provider or regional office of the Environmental Protection Agency for guidance

7. HANDLING AND STORAGE

Advice on Safe Handling:

Avoid contact with skin or eyes. Avoid breathing vapor, spray mist. Use Product only according to label directions. If unsure about safe use, contact supervisor immediately. After handling wash with soap and water

Storage Conditions:

Store in original container in a cool, dry, well-ventilated area. Store away from food or feed. Containers must be kept tightly closed when not in use. Keep in an area inaccessible to children

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

Eye/Face Protection:

Chemical resistant goggles or face shield are recommended

Skin and Body Protection:

Use water impervious gloves, such as latex or neoprene rubber.

Protective clothing (long sleeves, pants), eyewash, safety shower are always advisable when working with chemicals

Respiratory Protection:

Respiratory protection is usually necessary under normal conditions of use.

General Hygiene
Considerations:

In applications where sprays or mists may be generated, proper ventilation in accordance with good industrial hygiene should be provided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State:	Liquid
Color:	Pink
Odor:	Acid
pH:	2.0 – 2.5
Melting Point/Freezing Point:	32°F
Boiling Point/Boiling Range:	212°F
Flash Point:	No Information Available
Evaporation Rate:	>water
Flammability (solid, gas):	No Available Information
Upper Flammability Limit:	No Available Information
Lower Flammability Limit:	No Available Information
Vapor Pressure:	1.0 (excluding LVP material)
Vapor Density:	No Available Information
Specific Gravity:	1.010
Solubility(ies):	Complete
Partition Coefficient:	No Available Information
Auto Ignition Temperature:	No Available Information
Decomposition Temperature:	No Available Information
Viscosity:	No Available Information

10. STABILITY AND REACTIVITY

Chemical Stability:

This product is stable at ambient temperatures and atmospheric pressures, it is not self- reactive and has a shelf life of at least one year under sealed conditions. Conditions to avoid are temperatures above 130°F or below 32°F. **Do not mix with other chemicals. Hazardous conditions may arise from improper mixing of chemicals.**

Possibility of Hazardous
Reactions:

Not Known.

Conditions to Avoid:

None.

Hazardous Decomposition
Products:

Thermal decomposition may generate toxic materials such as oxides of carbon

Polymerization:

Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

This has not been evaluated for its acute toxicology profile.

Chronic Toxicity:

This product has not been evaluated for its chronic toxicology profile.

Irritation:

This product can be expected to be a skin and eye irritant. No skin sensitization data is currently available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: The ecological toxicity of this product is not known.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Unused material should be disposed of in accordance with all applicable regulations. Empty containers should be rinsed and offered for recycling or reconditioning, or disposed of in a sanitary landfill or for small containers (1 gallon or less), may be wrapped and discarded in trash. Waste generators are required to evaluate all waste material to determine if it is hazardous by characteristics or listing for compliance with RCRA and any local disposal procedures and regulations. NOTE: State and local regulations may be more stringent than Federal regulations.

14. TRANSPORT INFORMATION

DOT

UN/ID No: UN 1760
Proper Shipping Name: Phosphoric Acid
Hazard Class: 8(6.1)
Packaging Group: III

NOTE: During incident involving this material, use of DOT emergency response guide NO. 157 is also recommended

15. REGULATORY INFORMATION

Toxic Substances

Control Act (TSCA): All of the components intentionally added to this product are listed on the U.S. EPA TSCA inventory.

SARA Title III

Section 302: This product contains the following chemicals subject to SARA 302 reporting: None.

Section 311/312: This product is classified as an "immediate (acute) health hazard".

Section 313: *Chemicals marked with an asterisk in **Section Three** are subject to reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372. However, if this product is utilized for routine janitorial maintenance, it is exempted from this section, as stated in paragraph B.3.b Activity Exemptions of the Form R instructions.

OSHA Hazard Communication

Standard (29 CFR 1910.1200): This product is hazardous by definition of the Hazard Communication Standard.

Canada Domestic

Substance List: All of the ingredients intentionally added to this product are listed on the DSL.

Canada WHMIS: Class D Division 2B

State Regulations

Pennsylvania/New Jersey/Massachusetts Right to Know

See "**Section Three Composition**" for listing of hazardous and top five ingredients present in concentration greater than 1%.

California Proposition 65: Components of this product present at a concentration that could require reporting under this statute are: None.

16. OTHER INFORMATION

NFPA: Health Hazards: 3 Flammability: 0 Reactivity: 1 Personal Protective Eqpt.: B

Revision Date: 18-Jul-2015

Reasons for Revision: Section 14 and 15

Disclaimer:

No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. 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, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present unknown health hazards and should be used with caution. The information and recommendations contained herein are presented in good faith and are supplied pursuant to 29 CFR 1910.1200. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable Federal, State and local regulations governing the use and disposal of this material. **Prepared by:** Regulatory Affairs Dept. /F907-2012

End of Safety Data Sheet