

MSDS Document

Product Pool Cover Cleaner

1. Chemical Product and Company Identification

Trade Name of this Product Pool Cover Cleaner

MSDS ID NC-MS023

Manufacturer

Natural Chemistry, Inc.
40 Richards Ave.
Norwalk, CT 06854

Contact Name

Tom Berry

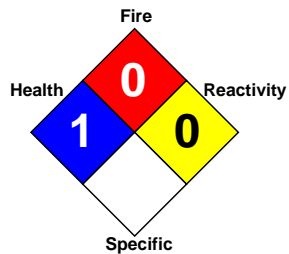
Phone Number

(800) 753-1233

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 00/00/00



Health:	1
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Natural Enzymes	Not Known	4-11 %	Not established	Not Established	Not Established
Water	7732-18-5	75-85 %	0		
Poly(diallyldimethylammonium chloride)	26062-79-3	5-12 %			
4-Isopropenyl-1-methylcyclohexene	5989-27-5	.5-3.0 %			
Other Ingredients	Multiple	<0.5 %			

3. Hazard Identification

EMERGENCY OVERVIEW:

Causes skin, eye, nose and throat irritation. Harmful if swallowed. Inhalation of mist may cause irritation to nose, throat and respiratory tract.

ROUTES OF ENTRY:

Eye contact, skin contact, inhalation and ingestion.

EYE:

Eye contact can cause moderate to severe irritation.

SKIN:

Skin contact may cause redness and irritation.

INHALATION:

Inhalation can cause nose, throat, and respiratory tract irritation, coughing and headache.

INGESTION:

Ingestion may cause abdominal discomfort, vomiting, headache and other medical problems.

PRE-EXISTING CONDITIONS:

Persons with pre-existing skin disorders, allergies or eye problems should avoid contact with this material.

4. First Aid Information

EYE CONTACT:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

SKIN CONTACT:

Remove any contaminated clothing. Wash skin with soap or mild detergent and water for at least 15 minutes. Get medical attention if irritation develops or persists. Wash clothing before re-use.

INHALATION:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

INGESTION:

Do NOT induce vomiting. Rinse mouth and give 2 glasses of water. Never give anything by mouth to an unconscious victim.

5. Fire Fighting Measures

Flash Point	Not applicable
FP Method	Not applicable

POTENTIAL FOR FIRE:

Nonflammable

FLASH POINT:

Non-flammable.

Flammable limits:

This material is not flammable.

AUTOIGNITION TEMPERATURE:

None.

HAZARDOUS COMBUSTION PRODUCTS:

Burning of dried material may release carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes, acids and ketones.

EXTINGUISHING MEDIA:

Will not burn.

FIRE AND EXPLOSION HAZARDS:

None

6. Accidental Release Measures

GENERAL:

Spill or Leak Procedures: Contain spills to prevent contamination to water supply, sewer system or storm drains. Mop up or absorb product on an inert material, place in a suitable container and dispose of in accordance with all Federal, State and local guidelines and regulations. Wash spill area with soap and water or rinse with plenty of water.

All disposals of this material must be done in accordance with Federal, state, and local regulations. Waste characterization and compliance with disposal regulations are the responsibilities of the waste generator.

PROTECTIVE EQUIPMENT:

Wear rubber or impervious gloves, chemical splash-proof safety goggles.

Do not hose spills down drains, sewers or waterways. This material may be toxic to aquatic organisms. Spills of this material are slippery.

7. Handling and Storage

STORAGE:

Keep in a tightly closed container. Store in a cool, dry, well ventilated area. Store away from incompatible materials. Protect from physical damage. Spills of this material are slippery. Keep out of reach of children.

STORAGE TEMPERATURE:

Store between 32° F (0° C) and 120° F (49° C)

SHELF LIFE:

3 years

8. Exposure Controls and Personal Protection

PERSONAL PROTECTIVE EQUIPMENT:

No special controls are necessary if good hygiene practices are strictly followed. Before eating, drinking or smoking, wash face and hands thoroughly. For operations where eye or face contact may occur, wear splash-proof goggles or face shield.

SKIN PROTECTION:

If skin contact is likely, wear rubber gloves and protective clothing. Wash thoroughly after handling.

EYE PROTECTION:

Wear appropriate protective glasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

RESPIRATOR:

No respirator is required under normal conditions of use.

VENTILATION:

Good general ventilation should be sufficient for most conditions. Local exhaust ventilation is generally preferred and may be necessary for some operations to keep employee exposures as low as possible.

9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	1.00386
Density lbs/Gal.	8.3621
Color/Appearance	Amber
Odor	Slight
pH	Not Available
Boiling/Cond. Point	Not Available
Melting/Freezing Point	Not Available
Solubility	Complete
Evaporation Rate	Not available
VOC %	Not available
Percent Volatile	Not available
Molecular Formula	Mixture
Viscosity	Not available
Vapor Density	Not available
Vapor Pressure	Not available

Physical and chemical properties listed above are general and approximate and are not intended as product specifications.

10. Stability and Reactivity

STABILITY:

Stable at normal temperatures and pressure.

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

Avoid contact with strong oxidizing agents and excessive heat.

DECOMPOSITION PRODUCTS:

Thermal decomposition releases carbon dioxide, carbon monoxide, nitrogen oxides, aldehydes and ketones.

11. Toxicological Information

ORAL LD 50:

Not available

DERMAL LD50:

Not available.

EYE IRRITATION:

Eye irritant.

SKIN IRRITATION:

Skin irritant.

CARCINOGENICITY STATUS:

This product is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

MUTAGENICITY STATUS:

No adverse mutagenic effects are anticipated

TERATOGENICITY STATUS:

No adverse teratogenic effects are anticipated.

REPRODUCTION AND BIRTH EFFECTS:

There are no known or reported effects on reproductive function or fetal development.

12. Ecological Information

ECOTOXICOLOGICAL INFORMATION:

No information available.

ENVIRONMENTAL FATE:

No information available.

13. Disposal Considerations

DISPOSAL METHOD:

Dispose of in accordance with applicable Federal, State and local environmental and regulatory requirements.

14. Transportation Information

US DOT:

Not regulated.

DOT HAZARD CLASS:

Not DOT regulated

DOT LABEL:

None required.

DOT UN Status:

This material is not regulated hazardous material for transportation.

DOT PLACARD:

None.

PRODUCT RQ:

Not hazardous.

FREIGHT CLASS:

Cleaning compounds.

15. Regulatory Information

USA TSCA:

All components of this product are listed on the TSCA Inventory.

SARA TITLE III SECTION 313 REPORTABLE INGREDIENTS (40 CFR 372):

Not listed.

SARA TITLE III SECTION 311/312 CLASSIFICATION:

None.

PROPOSITION 65:

This product does not contain any substance(s) which are defined by the state of California to cause cancer, birth defects, or other reproductive effects.

16. Other Information

Other Information

The information presented herein, while not guaranteed, was prepared by competent technical personnel and is based upon information Natural Chemistry, Inc. believes to be true, accurate and reliable and is supplied for informational purposes only. Natural Chemistry, Inc. disclaims any liability for damage which results from the use of the above information and nothing contained therein shall constitute a guarantee, warranty (including fitness for a particular purpose) or representation by Natural Chemistry, Inc. with respect to the accuracy or completeness of the data, the product described or their use for any specific purpose even if that purpose is known to Natural Chemistry, Inc.. Factors pertaining to certain conditions of storage, handling, or use of this product may involve other or additional safety or performance considerations. While our technical personnel will be happy to respond to questions regarding safe handling and use procedures, safe handling and use remains the responsibility of the customer. The final determination of the suitability of the information and the manner of use of the information or product is the sole responsibility of the user.

Physical chemical properties listed in Section 9 are general and approximate and are not intended as product specifications.