

MSDS Document

Product Clean & Perfect

1. Chemical Product and Company Identification

Trade Name of this Product Clean & Perfect

MSDS ID NC-MS019

Manufacturer

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

Contact Name

Tom Berry

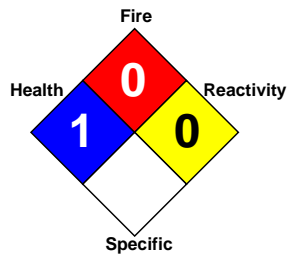
Phone Number

(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	.5-5.0 %	Not established	Not Established	Not Established
Tetrasodium ethylenediaminetetraacetate	64-02-8	2.0-9.0 %	Not established	Not established	Not established
Water	7732-18-5	80-92 %	0		
4-Isopropenyl-1-methyl cyclohexene	5989-27-5	1-6.0 %			
Alkylphenol ethoxylate	9016-45-9	1-6.0 %			
Non-ionic surfactant blend	61791-12-6	.5-5.0 %	Not Established	Not Established	

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.

EYE:

May cause severe irritation with corneal injury which may result in permanent impairment of vision, even blindness. Mists may cause eye irritation.

SKIN:

Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if confined to skin or skin is abraded (scratched or cut). Mists may irritate skin. A single prolonged skin exposure is not likely to result in the material being absorbed through the skin.

INHALATION

If symptoms of overexposure are experienced, evacuate to fresh air. If symptoms persist, seek medical attention.

INGESTION

Small amounts swallowed incidental to normal handling operations is not likely to cause injury; swallowing larger amounts may cause injury. Ingestion may cause gastrointestinal irritation or ulceration. Ingestion may cause burns of the mouth and throat. Seek medical attention immediately.

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:

Small amounts swallowed incidental to normal handling operations is not likely to cause injury.; swallowing larger amounts may cause injury. Do not induce vomiting. Give large amounts of water or milk if available and transport to a medical facility.

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:

Do not store in aluminum, carbon steel, copper, copper alloys, zinc or nickel containers. 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
Density lbs/Gal.	8.334
Color/Appearance	Straw
pH	Not available
Boiling/Cond. Point	Not available
Melting/Freezing Point	Not available
Solubility	Not available
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 oxidizing materials, metals 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

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

