



NEUTRALIZER C

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Date Prepared: January 19, 2015
MSDS No.: 1127

SECTION 1: IDENTIFICATION

Product name: NEUTRALIZER C

Recommended use: Description

Physical Description: Description

Generic Ingredients: Description

Manufacturer:

Penetone Corporation
700 Gotham Parkway
Carlstadt, NJ 07072
800-631-1652 or 201-567-3000

Business Contact:

Customer Service
800-631-1652 x2602 or 2272
Product Safety
800-631-1652 x2211 or 2257

Emergency Phone Numbers: PENETONE 201-567-3000 CHEMTREC 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health Not classified	Physical Not classified
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Under GHS guidelines, meets no classification criteria.

Precautionary Statements:	
Wash hands and exposed skin thoroughly after use.	Wear protective gloves.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Concentration Wt% (1)
Water	7732-18-5	80-95
Sodium carbonate	487-19-8	1-10
Sodium bicarbonate	144-55-8	1-10

(1) Exact percentages being withheld under trade secret provision of OSHA HCS 1910.1200(i)

SECTION 4: FIRST-AID MEASURES

General Description of Symptoms & First-Aid Measures

Most likely work-place exposure routes will be *skin contact* or *inhalation*.

For *skin contact*, no irritation is expected. Repeated or prolonged exposure may lead to drying of the skin, particularly when used in cold or low humidity conditions, or with persons with existing dermatological condition.

Inhalation of mist may result in minor discomfort to the upper respiratory tract (nose and throat). Typical symptoms could include coughing and sneezing.

Eyes

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists or develops: Get medical advice or attention. Penetone recommends that after any eye exposure a physician be seen immediately.



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Ingestion

If swallowed: Rinse mouth. Bicarbonate and carbonate will react with stomach acids, generating carbon dioxide. Ingestion of significant amounts of this product could cause stomach distress and distension. Call a poison center, doctor, physician or other competent medical authority if you feel unwell. **Note:** If ingested, product will react with acid in the stomach causing evolution of carbon dioxide, which may result in stomach distress and distention.

Inhalation

If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center, doctor, physician or other competent medical authority if you feel unwell.

Skin

If on skin: Wash with plenty of water or a mild soap. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice or attention.

Special Treatment / Other

None

SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties

Classification: Non-flammable

Flash Point: None-to-boil

Autoignition Temperature: not applicable

Lower Flammable Limit: Not applicable **Upper Flammable Limit:** Not applicable

Specific Hazards

Product is water based and presents no unusual fire hazards.

Extinguishing Media

Use extinguishing agents appropriate for controlling surrounding fire.

Unsuitable: None.

Protection & Precautions for Firefighters

Protective Equipment & Clothing: Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters protective clothing will only provide limited protection.

Fire Fighting Guidance: Cool containers with flooding quantities of water until well after fire is out. Move containers from fire area if you can do it safely. Dike fire control water for later disposal; do not scatter material. Containers can expand and explode under fire conditions due to vapor buildup. Always stay away from containers engulfed in fire.

Hazardous Combustion Products: Smoke, fumes, and oxides of carbon when taken to dryness.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Land Spill

Stop leak if you can do it safely. For large spills, dike and pump into properly labeled containers for reclamation or disposal. For small spill, soak up with absorbent material and place in properly labeled containers for disposal.

Water Spill

This is a water based product and will completely mix/dissolve in water making recovery difficult. Check with local environmental regulatory agencies for reporting requirements.

See SECTION 8 for EXPOSURE CONTROLS and PERSONAL PROTECTION.



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SECTION 7: HANDLING & STORAGE

Handling

Avoid contact with eyes, skin and clothing. After handling, always wash hands thoroughly with soap and water. Avoid personal contact with any residue. Do not cut, weld, or reuse empty container.

Storage

Keep container tightly closed when not in use. Do not store near strong acids. Do not store in direct sunlight. Avoid storing above 120°F (49°C).

SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

Engineering Controls

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits.

Personal Protection

Inhalation A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use. Use of a general purpose particulate mask or respirator with particulate filter is recommended.

Skin Wear chemical resistant gloves such as: rubber, nitrile, neoprene, or latex when skin contact is possible. Protective clothing including gloves, apron, sleeves, boots, head and face protection should be worn depending on how the product is used. PPE should be cleaned thoroughly after each use.

Eyes Penetone recommends always wearing safety glasses as a minimum in any workplace. Conditions may warrant the use of chemical goggles and possibly a face shield. Consult your standard operating procedure or safety professional for advice. Use protective eye and face devices that comply with ANSI Z87.1-1987.

Additional Remarks

Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and/or potential hazards that may be encountered during use.

Occupational Exposure Limits

<u>Component Name</u>	<u>Source</u>	<u>Value</u>	<u>Type</u>	<u>Notation</u>
No OELs have been established for any of the components				

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

Appearance: clear water white liquid

Odor: bland

Odor Threshold: not applicable

pH: 9-10

Melting Point / Freezing: about 32°F

Boiling Point / Boiling Point Range: about 212°F

Flash Point: not applicable

Evaporation Rate: equal to water

Flammability: not applicable

Lower Flammable Limit: not applicable

Upper Flammable Limit: not applicable



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Explosive Properties: not applicable
Vapor Pressure: equal to water
Relative Vapor Density: equal to water
Relative Density: 1.09
Solubility (Water): soluble in water
Partition Coefficient (K_{ow}): not determined.
Auto-ignition temperature: not applicable
Decomposition temperature: not applicable
Viscosity: less than 5 centipoise at room temperature

SECTION 10: STABILITY & REACTIVITY

Reactivity

Product is mildly alkaline and designed to neutralize acids. Mixing with strong acids may result in splattering, fizzing, and evolution of bubbles or fizzing from formation of and release of carbon dioxide.

Chemical Stability

Stable.

Hazardous Reactions

Will react rapidly with strong acids.

Conditions to Avoid

Do not store near strong acids.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

Oxides of carbon when taken to dryness and burned.

SECTION 11: TOXICOLOGICAL INFORMATION

Product Summary

Product is non-toxic and non-irritating to eyes and skin.

Acute Toxicity:

Dermal: no data available

Inhalation: no data available

Oral: LD50 > 10,000 mg/g (rat) (estimated using additivity formula). **Note:** If ingested, product will react with acid in the stomach causing evolution of carbon dioxide, which may result in stomach distress and distention.

Skin Corrosion/Irritation

Non-irritating

Serious Eye Damage/Irritation

Non-irritating

Sensitization - Respiratory or Skin

Nonsensitizing based upon component information.

Germ Cell Mutagenicity

Not expected to cause germ cell mutations based upon component information.



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Carcinogenicity

No material in this product is listed by IARC, NTP, or OSHA as a carcinogen.

Reproductive Toxicity

Not expected to be a reproductive toxicant based upon component information.

Specific Target Organ Effects - Single Exposure

None

Specific Target Organ Effects - Repeated or Prolonged Exposure

None

Aspiration Hazard

Based upon components, product not expected to be an aspiration hazard.

SECTION 12: ECOLOGICAL INFORMATION

Product Summary

Non-toxic to fish. Estimated LC50/EC50 >10,000 mg/l (using additivity formula)

Persistence and Degradability

Inorganic material that dissociates into ions.

Bioaccumulative Potential

None

Mobility in soil

Stays in water, does not adsorb onto soil.

Other Adverse Effects

None known

SECTION 13: DISPOSAL CONSIDERATIONS

Product is nonhazardous under RCRA definitions. Dispose of contents/container in accordance with all applicable federal, state, and local regulations.

Note: Contaminated product, soil, water, container residues and spill cleanup materials may be hazardous wastes. Appropriate hazardous waste designation is the responsibility of the user.

SECTION 14: TRANSPORT INFORMATION

ID No.:	Not applicable, nonhazardous material
Proper Shipping Name:	Not applicable
Hazard Class:	Not applicable
Packing Group:	Not applicable
Marine Pollutant:	Not applicable
RQ:	None
Special Precautions:	None



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SECTION 15: REGULATORY INFORMATION

TSCA

The ingredients in this product are listed on the TSCA inventory.

RCRA HAZARD CLASS

Nonhazardous waste

SARA 311/312 REPORTABLE HAZARD CATEGORIES: No reportable categories

REPORTING REQUIREMENTS (all quantities in pounds)

Component	CAS / 313 Code	Section 302 (EHS) TPQ	Section 304 EHS RQ	CERCLA RQ	Section 313	CAA 112(r) TQ	CWA / OPA
no components subject to reporting							

NEW JERSEY RIGHT-TO-KNOW INFORMATION

This product contains water (7732-18-5), sodium carbonate (487-19-8), and sodium bicarbonate (144-55-8).

CALIFORNIA PROPOSITION 65 INFORMATION

This product does not contain any chemicals recognized by the state of California to cause cancer and/or birth defects or reproductive harm.

SCAQMD INFORMATION

Is there a photochemically reactive material present? Yes or No
 What is the % by volume of photochemically reactive material? Number
 What is the VOC content? NN g/l
 What is the vapor pressure of VOC's? Number mm Hg @ 20°C

SECTION 16: OTHER INFORMATION

REVISION SUMMARY

New GHS format

SUPERSEDES ISSUE DATE

June 24, 2011

HAZARD RATING SYSTEMS:

	<u>HMIS</u>	<u>NFPA</u>
HEALTH	0	0
FLAMMABILITY	0	0
REACTIVITY	0	0
	B	

KEY
 4 = Severe
 3 = Serious
 2 = Moderate
 1 = Slight
 0 = Minimal

FOR ADDITIONAL PRODUCT INFORMATION, CONTACT YOUR SALES ENGINEER
 FOR ADDITIONAL HEALTH/SAFETY INFORMATION, CALL 201-567-3000

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