

NEUTRALIZER S

TECHNICAL DATA SHEET

DESCRIPTION:

NEUTRALIZER S is a liquid, inorganic acid for neutralizing alkaline solutions or simply lowering the pH of solutions. **NEUTRALIZER S** is completely water soluble and quickly neutralizes alkaline solutions.

PROPERTIES:

Appearance:	Clear, water-white to off-white liquid with virtually no odor.
Specific Gravity:	1.38
pH (100%):	0 – 0.1
pH (1% by Volume):	0.7 – 1.1
Phosphorus:	None

APPLICATION:

One gallon of **NEUTRALIZER S** will be required to neutralize approximately 5.5 pounds of sodium hydroxide (caustic soda) on dry basis. If you have the capability of titrating the alkaline system, one gallon of **NEUTRALIZER S** will neutralize approximately 4.1 pounds of available sodium oxide (Na₂O).

NEUTRALIZER S should be used on relatively cool solutions with a temperature of 100°F. or less. The solution should be mixed or agitated thoroughly while the **NEUTRALIZER S** is slowly being added to prevent localized heating. Periodically check the pH with papers or meter until the pH required is achieved. Even a small excess of **NEUTRALIZER S** may produce a pH lower than desired.

Contact your Madison Chemical representative for details to fit your operation.

PRODUCT CAUTIONS:

Danger! Causes severe burns to skin, eyes and alimentary canal. May be harmful if swallowed. Contains sulfuric acid. When handling, wear goggles, face shield, impermeable gloves and other equipment as required to avoid contact.

EMERGENCY FIRST AID:

EYES & SKIN: Immediately flush with large quantities of cool water continuously for at least 15 minutes. Call a physician. Remove contaminated clothing and shoes. Do not put contaminated clothing and shoes back on. Wash clothing and shoes thoroughly in soap and water; rinse repeatedly in clean water and dry before reuse.

INGESTION: Do not induce vomiting. Give water. Call a physician. Never give anything by mouth to an unconscious person.

Always slowly add **NEUTRALIZER S** to water while stirring to avoid spattering, boiling and eruption. Never add water to acids.

If use is contemplated for purposes other than, or by methods different from those specifically recommended herein, please contact the manufacturer for advice.

FOR INDUSTRIAL USE ONLY – KEEP OUT OF THE REACH OF CHILDREN.



Madison Chemical Co., Inc.

Formulating Solutions for Excellence

3141 Clifty Drive, Madison, IN 47250 (812)273-6000 www.madchem.com

2-13-2018