MATERIAL SAFETY DATA SHEET

FORM SEASONING WB

1. COMPANY IDENTIFICATION

Manufacturer: SpecChem
444-B Richmond Ave.
Kansas City, KS 66101
Phone (866) 791-8700
24 Hour Emergency Contact: CHEMTREC (800) 424-9300

2. COMPOSITION INFORMATION

Component	CAS #	% by weight
Sodium Hydroxide	1310-73-2	3 – 10%
Phosphate Ester / Phosphate Acid Ester	N/A	3 – 10%

3. HAZARDS IDENTIFICATION

Component	Exposure Limit	Form
Sodium Hydroxide	2 mg / m3	Liquid
Phosphate Ester / Phosphate Acid Ester	N/A	Liquid

NFPA CLASSIFICATION (0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)
Health 2, Fire 0, Reactivity 1

HMIS CODES (0=Least, 1=Slight, 2=Moderate, 3=High, 4=Extreme)
Health 2, Flammability 0, Reactivity 1

HAZARD DESCRIPTION: May be harmful if swallowed or inhaled.
May cause irritation to skin, eyes, and respiratory tract.

POTENTIAL HEALTH EFFECTS
INHALATION: No information found, but compound should be handled as a potential health hazard. May cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, labored breathing, and chest pain.
INGESTION: No information found, but compound should be handled as a potential health hazard. May cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting, and diarrhea.
SKIN CONTACT: No information found, but compound should be handled as a potential health hazard. May cause irritation with redness and pain.
EYE CONTACT: No information found, but compound should be handled as a potential health hazard. May cause irritation, redness, and pain.
CHRONIC EXPOSURE: No information found.
AGGRAVATION OF PRE-EXISTING CONDITIONS: No information found.

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4. FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes, lifting lower or upper eyelids occasionally. Obtain medical attention immediately.
SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Obtain medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
INHALATION: Remove to fresh air. Give artificial respiration if not breathing. Give oxygen if breathing is difficult. Obtain medical attention.
INGESTION: Give large amounts of water to drink. Never give anything by mouth to an unconscious person. Obtain medical attention.

5. FIRE FIGHTING MEASURES

THIS PRODUCT IS NOT EXPECTED TO BE A FIRE HAZARD.

Flash Point:	No information available.
Autoignition Temperature:	No information available.
Flammability Limits in air:	No information available.

EXTINGUISHING MEDIA: Alcohol foam, water spray, dry chemical, carbon dioxide.
EXTINGUISHING MEDIA TO AVOID: No information available.
SPECIAL FIREFIGHTING PROCEDURES: In the event of a fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
"EMPTY" CONTAINER WARNING: "Empty" containers retain residue (liquid and/or vapor) and can be dangerous. Do not attempt to clean since residue can be difficult to remove. "Empty" drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. For work on tanks refer to OSHA, ANSI Z 49.1, and other governmental and industrial references pertaining to cleaning, repairing, welding, or other contemplated operations.

6. ACCIDENTAL RELEASE MEASURES

LARGE SPILLS: Evacuate the hazard area of unprotected personnel. Dike and contain with suitable absorbent. Shut off source of leak only if it is safe to do so. Do not allow to enter sewers or open waterways. Advise authorities if product has entered sewers, waterways, or extensive land areas.
SMALL SPILLS: Take up with absorbent materials such as sand or sawdust and place in non-leaking containers. Dispose of in accordance with all Federal, state, and local regulations.

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7. HANDLING AND STORAGE

HANDLING: For industrial use only. Avoid skin and eye contact. Minimize breathing vapor or mist. Respiratory protection is required when ventilation is inadequate. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of a work period. Product is readily removed from skin by waterless hand cleaners following by washing thoroughly with soap and water.
STORAGE: Store in a cool, dry location and in accordance with good industrial practices. Keep containers closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION: Use local exhaust to capture vapor or mists if necessary. Local exhaust is preferred over general exhaust because it can control the emissions of the contaminant at its source, preventing dispersions into the general work area. Provide ventilation sufficient to prevent exceeding OSHA PELs.
RESPIRATORY PROTECTION: For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.
SKIN PROTECTION: Wear impervious protective clothing, including gloves, boots, lab coat, apron, or coveralls, as appropriate to prevent skin contact.
EYE PROTECTION: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear to hazy liquid
ODOR: Negligible
BOILING POINT: 100°C
VAPOR PRESSURE: No information available.
VAPOR DENSITY: No information available.
SOLUBILITY IN WATER: 100%

SPECIFIC GRAVITY: 1.03
pH: 13
POUR POINT: 0°C

10. STABILITY AND REACTIVITY

STABILITY: Stable.
CONDITIONS TO AVOID: Incompatibles.
MATERIALS TO AVOID: Strong acids.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide may form when heated to decomposition.
HAZARDOUS POLYMERIZATION: Will not occur.

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11. TOXICOLOGICAL INFORMATION

No LD50/LC50 information is available relating to normal routes of occupational exposure.

EYE EFFECTS: May cause irritation, redness, and pain.
SKIN EFFECTS: May cause irritation with redness and pain.
ORAL EFFECTS: May cause irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting, and diarrhea.
INHALATION EFFECTS: May cause irritation to the respiratory tract. Symptoms may include coughing, sore throat, labored breathing, and chest pain.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE: No information available.
ECOTOXICITY: No information available.
FURTHER INFORMATION: None.

13. DISPOSAL CONSIDERATIONS

When disposed of properly, this product does not meet RCRA classification or listing for hazardous waste. Dispose in accordance with all applicable Federal, state, provincial, and local environmental regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

Disposal methods identified are for the product as sold. For proper disposal of used material, an assessment must be completed to determine the proper and permissible waste management options permissible under applicable rules, regulations and/or laws governing your location.

14. TRANSPORT INFORMATION

SHIPPING NAME: Corrosive Liquid N.O.S. (contains sodium hydroxide) UN 1824 PGII
Warnings and Placards required when shipping more than 1000 lbs per container.

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15. REGULATORY INFORMATION

FEDERAL/NATIONAL
This product is not hazardous as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SUPERFUND AMENDMENTS AND REAUTHORIAZATION ACT OF 1986 (SARA) TITLE III (Emergency Planning and Community Right to Know Act) SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:
NONE

TOXIC SUBSTANCES CONTROL ACT (TSCA)
All components of this product are on the TSCA Inventory or are exempt from the TSCA Inventory requirements.

16. OTHER INFORMATION

Prepared by: Thomas F. Stalnaker

The information and recommendations contained herein were obtained from sources we believe to be accurate and reliable as of the date revised. However, SpecChem does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof. The information and recommendations are offered for the user's consideration and examination and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use.