

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: 33 MF pH Adjust Product Number: CKA701
CAS Number: Blend Product Description: Iron Phosphate pH Adjust (pH Down).

Company Identification

NuGeneration Technologies, LLC, 100 Professional Ctr Dr., Rohnert Park, CA 94928 USA
www.nugentec.com

(707) 820-4080 (For information) 1-800-424-9300 or 1-202-483-7616 (CHEMTREC: emergencies)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT LISTING: Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
Phosphoric Acid*	< 25.0%	7664-38-2
Confidential Ingredient A	< 5.0 %	Trade Secret
BALANCE NON-HAZARDOUS INGREDIENTS	> 70.0 %	N/A

(See Section 8 for exposure guidelines) (See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains known hazardous materials* as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains known hazardous materials*.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION Can cause skin/eye irritation and or burns.

HMIS/NFPA Rating: Health - 2, Flammability - 0, Reactivity - 0 Personal Protection Index - H
NFPA/HMIS Definitions: (0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme). These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

POTENTIAL HEALTH EFFECTS

EYE: Contact may cause eye irritation or burns. INGESTION: May be harmful if swallowed.

SKIN: Contact may cause skin irritation or burns.

INHALATION: Avoid breathing vapors or mists. Irritating to the nose, throat, and respiratory tract.

SIGNS AND SYMPTOMS OF EXPOSURE: If exposed areas are flushed promptly and thoroughly with water, there should be little or no harm. Long-term exposure may lead to rash or burn.

CHRONIC EFFECTS: Prolonged/repeated contact may produce mild skin irritation and or burns.

CARCINOGENICITY INFORMATION: No known cancer hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID: Flush eyes with plenty of water for at least 15 minutes.

SKIN CONTACT FIRST AID: Wash skin with water and remove contaminated clothing.

INHALATION FIRST AID: No known inhalation issues in normal industrial use.

INGESTION FIRST AID: Get medical attention. Induce vomiting. Give water or Milk.

STATEMENT OF PRACTICAL TREATMENT: Always have plenty of water available for first aid.

Contact a physician if anyone is treated for contact with this product.

NOTES TO PHYSICIAN: Treat patient symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Autoignition Temp: None

COC Flash Point: None TCC Flash Point: None

FLAMMABLE LIMITS IN AIR: LEL: None; UEL: None EXTINGUISHING MEDIA: Will not burn.

FIRE & EXPLOSION HAZARDS: Incinerating may create toxic decomposition products.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL): Wear appropriate personal protective equipment.

SPILLS PROCEDURE: Forms smooth, slippery surfaces on floors, posing an accident risk. Flush spill area with water to wastewater treatment system. After removal, flush contaminated area thoroughly with water. Or absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

7. HANDLING AND STORAGE

RECOMMENDED STORAGE TEMPERATURE Minimum: 4.4C (40F) Maximum: 48.9C (120F)

SHELF LIFE(in original sealed containers): 5 years @ 4.4 C 3 years @ 48.9 C

HANDLING (PERSONNEL): Avoid contact with eyes, skin, and clothing.

STORAGE PRECAUTIONS: Keep from freezing. Keep container closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Under normal use conditions, with adequate ventilation, no special handling equipment is required.

EYE PROTECTION REQUIREMENTS: Wear protective Glasses to minimize eye contact.

EYE / FACE / RESPIRATORY PROTECTION REQUIREMENTS: Not required in normal use.

SKIN PROTECTION REQUIREMENTS: Wear protective gloves to minimize skin contamination.

EXPOSURE GUIDELINES: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Colorless to Pale Yellow
ODOR: Mild
BOILING POINT: >212 F
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.2 (Water = 1)
BULK DENSITY: 10.0
MELTING/FREEZING POINT: 35 F
PH: <1
% VOLATILES: 0 %

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Hazardous polymerization will not occur.

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

DECOMPOSITION: Decomposition will not occur if handled and stored properly.

CONDITIONS TO AVOID: This material is safe under normal storage and handling conditions.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Contact may cause eye irritation.

SKIN EFFECTS: Contact may cause slight skin irritation.

ACUTE ORAL EFFECTS: No known hazards in normal industrial use.

ACUTE INHALATION EFFECTS: No known hazards in normal industrial use.

12. ECOLOGICAL INFORMATION - No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

CONTAMINATED MATERIALS: Wash contaminated clothing before reuse.

CONTAINER DISPOSAL: Clean out containers prior to disposal.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: 33 MF pH Adjust

D.O.T. SHIPPING NAME: Corrosive Liquid

TECHNICAL SHIPPING NAME ...: Corrosive Liquid (phosphoric acid) N.O.S. UN1760, 8, III

D.O.T. HAZARD CLASS: 8

UN NUMBER: UN1760

PRODUCT RQ (LBS): 4,000

D.O.T. LABEL: Corrosive Liquid

D.O.T. PLACARD: N/A

BULK CLASS: N/A

PACKAGE CLASS: 55

MISCELLANEOUS: Export Classification, organic surface active agents (other than soap), washing preparations and cleaning preparations, schedule B # 3402.90.5030.

15. REGULATORY INFORMATION

MISCELLANEOUS INFORMATION: This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic Substances List (DSL). This material or all of its components are listed (or considered as having been notified) on the European Inventory of Existing Chemical Substances (EINECS).

16. OTHER INFORMATION

PREPARED BY: Donato Polignone

APPROVAL DATE: May 23, 2007

SUPERCEDES DATE ...: March 10, 2004

PRODUCT NUMBER: CKA701 (Official Copy)

ADDITIONAL INFORMATION:

The data in this Material Safety Data Sheet relates only to the specific material designated herein. It does not relate to use in combination with any other material or in any process.

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of NuGeneration Technologies, LLC. The data on this sheet are related only to the specific material designated herein. NuGeneration Technologies, LLC assumes no legal responsibility for use or reliance upon these data.

END OF MSDS
