

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NuKoat 53 MF Product Number: CKA275  
CAS Number: Blend Product Description: Iron Phosphate cleaner & coating - HF & Moly Free

Company Identification  
NuGeneration Technologies, LLC  
100 Professional Center Drive Suite 101, Rohnert Park, CA 94928 USA [www.nugentec.com](http://www.nugentec.com)  
(707) 820-4080 (For information) 1-800-424-9300 or 1-202-483-7616 (CHEMTREC: emergencies)

SPECIAL NOTES: This product is Biodegradable. This product contains NO Chelates.

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENT LISTING: Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
NONIONIC SURFACTANT BLEND	< 3.0 %	68603-25-8
Confidential Ingredient A	< 3.0 %	Trade Secret
BALANCE NON-HAZARDOUS INGREDIENTS (See Section 8 for exposure guidelines)	> 94.0 % (See Section 15 for regulatory information)	N/A

### HAZARDS DISCLOSURE

This product contains no 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 no known hazardous materials.

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW: CAUTION

The health hazards of this product should be low under normal industrial and commercial uses. May cause skin or eye irritation or dryness after repeated or prolonged contact.

HMIS/NFPA Rating: Health - 1, Flammability - 0, Reactivity - 0 Personal Protection Index - B  
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. INGESTION: May be harmful if swallowed.

SKIN: Prolonged or repeated contact may cause skin irritation.

INHALATION: No know inhalation issues in normal industrial use.

SIGNS AND SYMPTOMS OF EXPOSURE: If exposed areas are flushed promptly and thoroughly with water, there should be little or no harm.

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

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 know 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.

NOTES TO PHYSICIAN: Treat patient symptomatically.

## 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Autoignition Temp: None

CO 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 .....: Pale Yellow  
ODOR .....: Mild  
BOILING POINT .....: >212 F  
SOLUBILITY IN WATER .....: Complete  
SPECIFIC GRAVITY .....: 1.14 (Water = 1)  
BULK DENSITY .....: 9.5  
MELTING/FREEZING POINT ....: 35 F  
PH .....: 3.8  
% VOLATILES .....: 0 %  
PH (5% B.V.) .....: 4.0

## 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 .....: NuKoat 53 MF  
D.O.T. SHIPPING NAME .....: Non-Regulated Material  
TECHNICAL SHIPPING NAME ...: Iron rust removing or preventing compound, NOBIN  
D.O.T. HAZARD CLASS .....: Non-Hazardous  
UN NUMBER .....: N/A  
PRODUCT RQ (LBS) .....: NA  
D.O.T. LABEL .....: NOBIN Non-Hazardous  
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

EEC Symbols and Indications of Danger: None  
WHMIS Hazard Symbols: None  
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 .....: June 4, 2007  
SUPERCEDES DATE ...: March 1, 2003  
PRODUCT NUMBER ....: CKA275 (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.

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END OF MSDS

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