

# MATERIAL SAFETY DATA SHEET

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HAZARD RATINGS (0=Least, 1=Slight, 2=Moderate, 3=High, 4=Severe)

HEALTH = 1  
FIRE = 0  
REACTIVITY = 1  
EQUIPMENT = B

## SECTION I - PRODUCT DESCRIPTION

PRODUCT NAME: **THE NATURAL NON-ACID BOWL CLEANER**  
PRODUCT CODE: **N-62**  
GENERAL DESCRIPTION: Acidic Detergent Concentrate  
CHEMICAL NATURE: Surfactant/ Acid blend

## SECTION II - PRODUCT COMPOSITION (OSHA Listed Potentially Hazardous Ingredients)

CAS # 506-89-8 (4-6% Urea monohydrochloride)

## SECTION III - PHYSICAL PROPERTIES

BOILING RANGE: 100° C/212°F  
SPECIFIC GRAVITY: (Water = 1) 1.05  
VAPOR PRESSURE AT 20C: (MM of HG) Not established  
VAPOR DENSITY: (Air = 1) Not established  
SOLUBILITY IN WATER: Complete  
SOLUBILITY IN SOLVENT: Miscible  
EVAPORATION RATE: Equivalent to water  
APPEARANCE: Slight amber  
ODOR: Mild  
PH RANGE: 2.1 ± .5

## SECTION IV - FIRE AND EXPLOSION DATA

LOWER FLAMMABILITY LIMITS: (% In Air) Not flammable  
FLASH POINT: (And Method) Does not ignite  
FLAMMABILITY CLASSIFICATION: Not flammable  
UNUSUAL FIRE/EXPLOSION HAZARDS: None  
RECOMMENDED EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical powder  
SPECIAL FIRE FIGHTING PROCEDURES: None.

## SECTION V - HEALTH INFORMATION

ACUTE TOXICITY: Non-toxic

THRESHOLD LIMIT VALUE: No limit known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Serious gastric disturbance if ingested in small amounts. May chemically burn to the mouth, esophagus and stomach. This material will cause eye irritation and can cause permanent eye damage. Redness or dehydration may develop on hands and forearms. Dermatitis and skin sensitization can develop after repeated and/or prolonged contact with human skin. Inhalation of spray mists or vapors may be irritating to the lungs and ingestion may cause gastric disturbance.

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## NON-ACID BOWL CLEANER

### EMERGENCY FIRST AID PROCEDURES:

**EYE CONTACT:** Immediately flush with plenty of water for at least 15 minutes. If irritation persists have eyes examined and treated by medical personnel. Prolonged or repeated contact could result in eye damage.

**SKIN CONTACT:** Can cause skin irritation and redness from prolonged or repeated contact. If irritation occurs remove contaminated clothing and footwear. Wash material off the skin with plenty of soap and water. Wash clothing and footwear before reuse. If skin irritation is a result of prolonged or repeated contact, get medical attention.

**INHALATION:** No treatment needed.

**INGESTION:** Can cause digestive tract distress. Drink 2 to 3 cups of water to dilute. Induce vomiting only if advised by physician or poison control center. Call poison control center.

### SECTION VI - REACTIVITY DATA

**STABILITY:** Stable under normal conditions

**CONDITIONS TO AVOID:** Over heating

**INCOMPATIBILITY WITH OTHER MATERIALS:** Contact with oxidizers, strong alkaline substances

**HAZARDOUS DECOMPOSITION MATERIALS:** None

**HAZARDOUS POLYMERIZATION:** Will not occur

### SECTION VII - FIRE AND SPILL/LEAK PROCEDURES

**IN CASE OF FIRE:** Wear self contained breathing apparatus.

**PROCEDURES IF MATERIAL IS SPILLED OR RELEASED:** Where possible flush down drain to waste treatment sewer; otherwise on small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

**WASTE DISPOSAL PROCEDURES:** Dispose of this product or its residues in accordance with all local, state and federal requirements.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** None required for recommended use

**LOCAL EXHAUST:** Normal room ventilation

**PROTECTIVE GLOVES AND CLOTHING:** Recommended to wear impervious gloves when handling.

**EYE PROTECTION:** Safety glasses or face shield should be used.

**OTHER PROTECTIVE EQUIPMENT:** As determined by or recommended by federal state or local regulations.

### SECTION IX – TRANSPORTATION INFORMATION

**DOT PROPER SHIPPING NAME :** N/A

**DOT LABEL :** N/A

**DOT NUMBER :** N/A

**MCO CLASS :** N/A

**DOT HAZARD CLASSIFICATION :** N/A

### SECTION X - ADDITIONAL PRECAUTIONS

**STORAGE:** Store only in original container.

No other precautions listed.

The information herein is presented in good faith and believed to be correct as of the date hereof. However, Van-Tech Industries makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

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