

MSDS - Material Safety Data Sheet

Product Name: EXCEL**MSDS No.: 728****I. Basic Information:**

Manufacturer: U.N.X. INCORPORATED
Address: 707 ARLINGTON BLVD.
City, ST Zip: GREENVILLE, NC 27858
Country: USA

Contact: AMENDT; WILSON
Information Telephone Number: 252-756-8616
Emergency Contact: CHEMTEL
Emergency Telephone Number: 800-255-3924
Emergency Restrictions:

Product Name: EXCEL
MSDS No.: 728

Issue Date: 12/14/2009**Supersedes Date:** 11/26/2008**II. Hazards Identification:****EMERGENCY OVERVIEW**

INHALATION, CAN IRRITATE, NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN CAUSE TISSUE DESTRUCTION, WITH LONG TERM EXPOSURE.
INGESTION, SEVERE INTERNAL IRRITATION AND DAMAGE CAN RESULT IF TAKEN BY MOUTH.

OSHA Regulatory Status

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this MSDS contains valuable information critical to the safe handling and proper use of the product.

Potential Health Effects**Route(s) of Entry:**

SKIN, EYES, INHALATION

Health Hazards (Acute and Chronic):

PRODUCT, CAN BE DESTRUCTIVE TO TISSUE. SKIN BURNS CAN BE PRODUCED. CONTACT WITH EYES CAN CAUSE PERMANENT DAMAGE.

Signs and Symptoms:

INHALATION, CAN IRRITATE, NOSE, THROAT, AND LUNGS.
SKIN CONTACT, CAN CAUSE TISSUE DESTRUCTION, WITH LONG TERM EXPOSURE.
INGESTION, SEVERE INTERNAL IRRITATION AND DAMAGE CAN RESULT IF TAKEN BY MOUTH.

Medical Conditions Generally Aggravated by Exposure:

NONE KNOWN

Other Health Warnings:

NONE

Potential Environmental Effects

NONE KNOWN

III. Composition/Information on Ingredients:

Chemical Name	CAS No.	% Range	Trade Secret
PSRN57948000-5006P	TradeSecret	20-30	
Sodium hydroxide	1310732	10-20	
Sodium metasilicate	6834920	10-20	
Sodium tripolyphosphate	7758294	30-40	
Trichloro-s-triazinetriene, dry	87901	0-5	

IV. First Aid Measures:**Emergency and First Aid Procedures:**

FOR SKIN, FLUSH THOROUGHLY WITH WATER UNTIL "SLIPPERY" FEELING IS GONE.
FOR EYES, FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN.
IF INGESTED, DRINK LARGE VOLUMES OF WATER FOLLOWED BY MILD ACIDS SUCH AS 5% ACETIC ACID, ORANGE JUICE, OR ANY CITRUS JUICE. DO NOT INDUCE VOMITING. CALL PHYSICIAN.

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Note to Physicians:

EYES, FLUSH WITH WATER FOR AT LEAST 15 MINUTES.
DO NOT INDUCE VOMITING.

V. Fire Fighting Measures:

Suitable Extinguishing Media:

FLOOD WITH WATER

Unsuitable Extinguishing Media:

NONE KNOWN

Products of Combustion:

HYDROGEN

Protection of Firefighters:

USE NIOSH CERTIFIED GAS MASK WITH CANISTER FOR CHLORINE. IF POSSIBLE REMOVE CONTAINER TO OPEN AIR AND FLOOD WITH WATER.

VI. Accidental Release Measures:

Personal Precautions:

RUBBER GLOVES SHOULD BE WORN.
SAFETY GOGGLES SHOULD BE WORN.

Environmental Precautions:

NONE KNOWN

Methods for Containment:

DIKE; APPROVED PLASTIC CONTAINERS

Methods for Cleanup:

FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN.
FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS. BE CAREFUL OF CHLORINE ODOR RELEASED DURING NEUTRALIZATION.

Other Information:

Not Available

VII. Handling and Storage:

Handling Precautions:

KEEP CONTAINER CLOSED.

Storage Precautions:

STORE IN A COOL DRY AREA.

VIII. Exposure Controls/Personal Protection:

Chemical Name	OSHA PEL	ACGIH TLV	Other Limits
Sodium tripolyphosphate	15mg/m3	10mg/m3	Not Available
PSRN57948000-5006P	Not Available	Not Available	Not Available
Sodium hydroxide	2mg/m3	2mg/m3	Not Available
Sodium metasilicate	2mg/m3	2mg/m3	Not Available
Trichloro-s-triazinetriene, dry	Not Available	Not Available	Not Available

Engineering Controls:

AVOID BREATHING DUST. IF EXPOSURE LIKELY, USE FILTER OR DUST TYPE RESPIRATOR.
MECHANICAL VENTILATION IS ACCEPTABLE.

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Personal Protective Equipment:

RUBBER GLOVES SHOULD BE WORN.

SAFETY GOGGLES SHOULD BE WORN.

OTHER PROTECTIVE MEASURES: HAVE AN EYE BATH AND SAFETY SHOWER CLOSE BY. IF POTENTIAL FOR SKIN CONTACT, HAVE AN ACID HAND WASH NEAR BY (ie. VINEGAR SOLUTION.).

WORK HYGIENIC PRACTICES: WASH HANDS, CHANGE OUT OF CLOTHES AS SOON AS POSSIBLE. WASH CLOTHES. SHOWER OR BATHE AS SOON AS POSSIBLE.

IX. Physical and Chemical Properties:

Boiling Point: N/A

Boiling Range: N/A

Solubility In Water: EXCELLENT AT USE CONCENTRATIONS

Flash Point: N/A

Odor Threshold: NO DATA

Vapor Density (AIR = 1): N/A

pH Range: Not Available

Decomposition Temp: OVER

Lower Explosive Limit: -

Specific Gravity (H2O = 1): Not Available

Other Information: THIS PRODUCT CONTAINS PHOSPHATES.

Melting Point: NO DATA

Freezing Point: N/A

Evaporation Rate (Butyl Acetate = 1): N/A

Flash Point Method: -

Appearance and Odor: WHITE GRANULAR POWDER ,
CHLORINE ODOR

Vapor Pressure (mm Hg.): N/A

Partition Coefficient: NO DATA

Auto-Ignition Temp: NO DATA

Upper Explosive Limit: -

X. Stability and Reactivity:

Stability:

STABLE UNDER IDEAL CONDITIONS ONLY

Conditions to Avoid:

AVOID CONTACT WITH ACIDS, AMMONIA, AND LAUNDRY COMPOUNDS.

Incompatible Materials:

EXCESS MOISTURE CAN CAUSE EXOTHERMIC REACTIONS.

Hazardous Decomposition Products:

AVOID CONCENTRATED CONTACT WITH ALUMINUM, ZINC, MAGNESIUM, COPPER. EXPLOSIVE HYDROGEN GAS AND CHLORINE GAS CAN BE RELEASED.

Possibility of Hazardous Reactions:

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

XI. Toxicological Information:

CONTACT U.N.X. INCORPORATED

XII. Ecological Information:

CONTACT U.N.X. INCORPORATED

XIII. Disposal Considerations:

FOR A SMALL SPILL: IMMEDIATELY HOSE DOWN WITH COLD WATER AND DISPOSE TO DRAIN.

FOR A LARGE SPILL: COLLECT AND ADD SLOWLY TO A LARGE VOLUME OF WATER WITH CONSTANT STIRRING. THEN SLOWLY NEUTRALIZE TO A pH OF 7 WITH MURATIC OR PHOSPHORIC ACID SOLUTIONS. BE CAREFUL OF CHLORINE ODOR RELEASED DURING NEUTRALIZATION. DISPOSE OF DOWN DRAIN AFTER APPROVAL OF APPROPRIATE AUTHORITIES.

CLEAN AND NEUTRALIZE ALL AREAS OF CONTACT.

MSDS - Material Safety Data Sheet**Product Name: EXCEL****MSDS No.: 728****XIV. Transport Information:****Shipping Name:** CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM METASILICATE)**DOT Hazard Class:** 8**DOT Subsidiary Hazard Class:** Not Available**UN/NA#:** UN 3262**Packing Group:** II**Transportation Information:**

UN 3262

DOT HAZARD CLASS: 8

LABEL: CORROSIVE

PG: II

PROPER SHIPPING NAME: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S., (SODIUM METASILICATE)

XV. Regulatory Information:

UNLESS OTHERWISE NOTED, NO COMPONENTS ARE SARA TITLE 3 SECTION 313 40 CFR LISTED MATERIALS.

THE INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE TSCA INVENTORY.

THIS PRODUCT IS NOT MADE WITH VOC'S THAT COULD CAUSE DAMAGE TO THE OZONE LAYER.

XVI. Other Information:**Chemical State:**☐

Liquid

☐

Gas

☒

Solid

Chemical Type:☐

Pure

☒

Mixture

Hazard Category:☒

Acute

☐

Chronic

☐

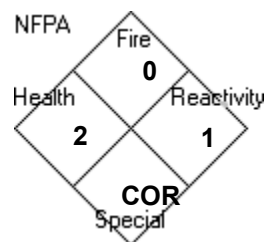
Fire

☐

Pressure

☐

Reactive

**Additional Manufacturer Warnings:**

Not Available

2	Health
0	Flammability
1	Physical Hazard
C	Pers. Protection

Additional Product Information:

MACHINE DISHWASH DETERGENT