



# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ULTRA HD

DATE PREPARED: 1/2/2025

PRODUCT NUMBER: 217

SUPERCEDED DATE: 1/2/2023

PRODUCT FAMILY: ALKALINE DETERGENT

MANUFACTURER: KO MANUFACTURING, INC  
2720 E. DIVISION STREET  
SPRINGFIELD, MO 65803  
417-866-8000

EMERGENCY CONTACT:  
CHEMTRAC 800-424-9300

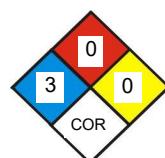
INFORMATION USE: HEAVY DUTY CLEANER

## 2. HAZARD IDENTIFICATION

DOT HAZARD CLASSIFICATION: CORROSIVE LIQUID

NFPA

SIGNAL WORD: DANGER!



ROUTE OF EXPOSURE: EYE CONTACT, SKIN CONTACT, INGESTION AND INHALATION

GHS HAZARD CLASSIFICATION: SKIN CORROSIVE 1C  
EYE DAMAGE/IRRITATION 1

PICTOGRAMS



GHS LABEL H314 - Causes severe skin burns and eye damage.

ELEMENTS: P260 - Do not breathe dust/fume/gas/vapours/spray.

P264 - Wash exposed skin thoroughly after handling.

P280 - Wear protective gloves/clothing/eye protection/face protection.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P351 - Rinse cautiously with water for several minutes.

P363 - Wash contaminated clothing before reuse.

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 - Immediately call POISON CENTER or doctor/physician.

P405 - Store locked up.

P501 - Dispose of content/container in accordance with local/national regulations.

## 3. COMPOSITION IDENTIFICATION

### INGREDIENTS:

SODIUM HYDROXIDE  
2-BUTOXYETHANOL  
ALCOHOL ETHOXYLATES  
POLY ALKYL ETHERS, PHOSPHATE  
SODIUM XYLENESULFONATE  
SODIUM GLUCONATE  
TETRASODIUM EDTA  
WATER

### C.A.S. NUMBER:

1310-73-2  
111-76-2  
68439-46-3  
68130-47-2  
1300-72-7  
527-07-1  
64-02-8  
7732-18-5

### PERCENT:

<5.0%  
<4.0%  
<8.0%  
<4.0%  
<5.0%  
<5.0%  
<5.0%  
Balance

## 4. FIRST AID MEASURES

EYE CONTACT: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO SO. CONTINUE RINSING. CALL A PHYSICIAN IMMEDIATELY.

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#### **4. FIRST AID MEASURES - CONTINUED**

**SKIN CONTACT:** WASH EXPOSED SKIN THOROUGHLY AFTER HANDLING. REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER. GET MEDICAL ADVICE/ATTENTION.

**INGESTION:** RINSE MOUTH. DO NOT INDUCE VOMITING. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER TO DRINK. CALL A POISON CENTER OR PHYSICIAN IMMEDIATELY.

**INHALATION:** REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. CALL A POISON CENTER OR PHYSICIAN IMMEDIATELY.

#### **5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES:** NON FLAMMABLE.

**FLASH POINT:** DOES NOT FLASH.

**SUITABLE EXTINGUISHING MEDIA:** DRY CHEMICAL, FOAM OR CARBON DIOXIDE, WATER SPRAY.

**UNSUITABLE EXTINGUISHING MEDIA:** NOT ESTABLISHED.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** NONE KNOWN.

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** WEAR SELF-CONTAINED BREATHING APPARATUS (PRESSURE DEMAND MSHA/NIOSH APPROVED) AND FULL PROTECTIVE GEAR.

#### **6. ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS:** AVOID CONTACT WITH EYES AND SKIN. SPILL AREA MAY BE SLIPPERY. WEAR PROPER PROTECTIVE EQUIPMENT WHEN DEALING WITH RELEASE.

**ENVIRONMENTAL PRECAUTIONS:** CONTAIN SPILL TO AVOID RELEASE TO THE ENVIRONMENT. KEEP CONTAINER TIGHTLY CLOSED.

**METHODS FOR CONTAINMENT AND CLEAN-UP:** DIKE AND CONTAIN SPILL. COLLECT LIQUID WITH AN INERT ABSORBENT AND TRANSFER TO CONTAINER FOR REUSE OR DISPOSAL.

#### **7. HANDLING AND STORAGE**

**HANDLING:** HANDLE WITH CARE AND AVOID CONTACT WITH EYES AND SKIN. ALWAYS WEAR PROPER CHEMICAL RESISTANT PROTECTIVE EQUIPMENT 29CFR1910.132-138. WASH THOROUGHLY AFTER HANDLING.

**STORAGE:** AVOID RELEASE TO THE ENVIRONMENT. STORE IN LOCKED STORAGE USING CORROSIVE RESISTANT CONTAINERS. KEEP OUT OF REACH OF CHILDREN.

#### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**ENGINEERING CONTROLS:** IF MIST LEVELS ARE HIGH SPECIAL VENTILATION MAY BE REQUIRED.

**EYE / FACE PROTECTION:** CHEMICAL SAFETY GOGGLES AND FULL FACE SHIELD.

**SKIN PROTECTION:** CHEMICAL RESISTANT GLOVES AND IMPERVIOUS APRON AND BOOTS.

**THRESHOLD LIMIT VALUE (TLV):** SODIUM HYDROXIDE, 2 MG/M<sup>3</sup>; 2-BUTOXYETHANOL, 20 PPM

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL STATE:** LIQUID.

**APPEARANCE:** CLEAR GREENISH-YELLOW LIQUID.

**ODOR:** LIGHT SOLVENT SCENT.

**BOILING POINT:** NOT ESTABLISHED.

**FREEZING POINT:** NOT ESTABLISHED.

**SPECIFIC GRAVITY:** 1.12

**pH (1%):** 11.7-12.2

**EVAPORATION RATE:** LESS THAN 1.

**FLASH POINT:** DOES NOT FLASH.

**LOWER FLAMMABILITY/EXPLOSIVE LIMIT:** NOT ESTABLISHED.

**UPPER FLAMMABLE/EXPLOSIVE LIMIT:** NOT ESTABLISHED.

**AUTO-IGNITION TEMPERATURE:** NOT ESTABLISHED.

**VISCOSITY:** NOT ESTABLISHED.

**REALITIVE DENSITY:** 9.4 LBS/GL

**SOLUBILITY:** SOLUBLE.

**VAPOR PRESSURE:** NOT ESTABLISHED.

**VAPOR DENSITY:** NOT ESTABLISHED.

**DECOMPOSITION:** NOT ESTABLISHED.

**TEMPERATURE:**

**PARTICAL COEFFICIENT:** NOT ESTABLISHED.  
**N-OCTANOL/WATER**

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## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** STABLE.

**CONDITIONS TO AVOID:** NO UNUSUAL CONDITIONS.

**INCOMPATIBLE MATERIALS:** SOFT METALS AND ACIDIC COMPOUNDS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON MONOXIDE AND DIOXIDE FROM THERMAL DECOMPOSITION.

## 11. TOXICOLOGICAL INFORMATION

**EYE IRRITATION/CORROSION:** CAN CAUSE SEVERE BURNS TO EYES AND SKIN

**EFFECTS OF SHORT-TERM EXPOSURE:** IRRITATION OR BURNS TO EYES, SKIN AND MOUTH.

**INGESTION:** CAN CAUSE SEVERE BURNS TO MOUTH, THROAT AND STOMACH.

**LD-50:** NOT ESTABLISHED.

**CARCINOGENICITY:** NOT CONSIDERED A CARCINOGEN BY IARC, ACGIH, NTP, OR OSHA

## 12. ECOLOGICAL IDENTIFICATION

**ECOTOXICITY:** NOT ESTABLISHED.

**PERSISTENCE AND DEGRADABILITY:** BIODEGRADABLE.

**BIOACCUMULATION/ACCUMULATION** NOT ESTABLISHED.

## 13. DISPOSAL CONDITIONS

THIS MATERIAL WHEN DISCARDED IS A HAZARDOUS WASTE DEFINED BY 40CFR261. MATERIALS ARE TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

## 14. TRANSPORTATION INFORMATION

### GROUND SHIPPING INFORMATION:

UN1760, CORROSIVE LIQUID, N.O.S., (SODIUM HYDROXIDE), 8, PGIII

### WATER SHIPPING INFORMATION:

UN1760, CORROSIVE LIQUID, N.O.S., (SODIUM HYDROXIDE), 8, PGIII

### AIR SHIPPING INFORMATION:

UN1760, CORROSIVE LIQUID, N.O.S., (SODIUM HYDROXIDE), 8, PGIII

## 15. REGULATORY INFORMATION

### US FEDERAL REGULATIONS:

**TSCA (TOXIC SUBSTANCE CONTROL ACT)** ALL COMPONENTS LISTED ON TSCA INVENTORY.

### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

313 REPORTABLE INGREDIENTS	CAS NUMBER:	PERCENT:
GLYCOL ETHERS	CATEGORY N230	3.0%

### STATE REGULATIONS: CALIFORNIA PROPOSITION 65

Possible Trace Ethylene Oxide cas# 75-21-8

Possible Trace 1,4-Dioxane cas# 123-91-1

### INTERNATIONAL REGULATIONS: CLASS E CORROSIVE UNDER CANADIAN WHMIS

### SECTION 15 NOTES: NONE.

## 16. OTHER INFORMATION

**PHONE NUMBER:** 417-866-8000

**DATE OF PREPARATION:** 1/2/2025

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