



# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: INFINITY DETERGENT RED

DATE PREPARED: 1/2/2025

PRODUCT NUMBER: 912

SUPERCEDED DATE: 1/2/2023

PRODUCT FAMILY: DETERGENT

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

EMERGENCY CONTACT:  
CHEMTRAC 800-424-9300

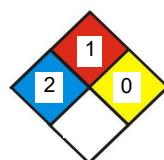
INFORMATION USE: SURFACTANT BLEND FOR INFINITY SYSTEM

## 2. HAZARD IDENTIFICATION

DOT HAZARD CLASSIFICATION: NOT REGULATED BY D.O.T.

NFPA

SIGNAL WORD: DANGER!



ROUTE OF EXPOSURE: EYE CONTACT, SKIN CONTACT, INGESTION

GHS HAZARD CLASSIFICATION: ACUTE TOXICITY, ORAL 4  
SERIOUS EYE DAMAGE/ EYE IRRITATION 1  
SKIN IRRITANT 2

GHS LABEL H302 - Harmful if swallowed.

PICTOGRAMS

ELEMENTS: H315 - Causes skin irritation.



H318 - Causes serious eye damage.



P264 - Wash exposed skin thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

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

P301+P330+P312 - IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P313 - Get medical advice/attention.

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.

P332+ P313 - If skin irritation occurs: Get medical advice/attention.

P362 - Take off contaminated clothing and wash before reuse.

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

## 3. COMPOSITION IDENTIFICATION

### INGREDIENTS:

2-BUTOXYETHANOL

### C.A.S. NUMBER:

### PERCENT:

<35.0%

ALCOHOL ETHOXYLATES

111-76-2

<65.0%

POLY ALKYL ETHERS, PHOSPHATE

68439-46-3

<10.0%

COCO BETAINE

68130-47-2

<5.0%

FRAGRANCE

61789-40-0

<6.0%

WATER

BLEND

Balance

## 4. FIRST AID MEASURES

EYE CONTACT: RINSE WITH FRESH WATER FOR 15 MINUTES, LIFTING EYELIDS OCCASIONALLY. CALL A PHYSICIAN IF IRRITATION PERSISTS.

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

**SKIN CONTACT:** RINSE WITH PLENTY OF FRESH WATER AND REMOVE CONTAMINATED CLOTHING IMMEDIATELY. CALL A PHYSICIAN IF IRRITATION PERSISTS.

**INGESTION:** RINSE MOUTH WITH FRESH WATER. DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. IF CONSCIOUS, GIVE LARGE QUANTITIES OF WATER. DO NOT GIVE ANYTHING BY MOUTH IF UNCONSCIOUS.

**INHALATION:** IF OVERCOME BY EXPOSURE, REMOVE VICTIM TO FRESH AIR IMMEDIATELY. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. CALL A PHYSICIAN IMMEDIATELY.

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

**FLAMMABLE PROPERTIES:** NON FLAMMABLE.

**FLASH POINT:** >200 F

**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 WHEN NOT IN USE.

**METHODS FOR CONTAINMENT AND CLEAN-UP:** COLLECT FOR DISPOSAL USING AN INERT ABSORBENT MATERIAL AND TRANSFER TO A CONTAINER FOR REUSE OR DISPOSAL.

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

**HANDLING:** ALWAYS WEAR PROPER PROTECTIVE EQUIPMENT WHEN HANDLING. WASH THOROUGHLY AFTER HANDLING.

**STORAGE:** STORE IN A COOL, DRY PLACE. KEEP OUT OF REACH OF CHILDREN. KEEP LID TIGHTLY CLOSED WHEN NOT IN USE.

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

**ENGINEERING CONTROLS:** NONE REQUIRED UNDER NORMAL USE.

**EYE / FACE PROTECTION:** CHEMICAL SAFETY GLASSES.

**SKIN PROTECTION:** CHEMICAL RESISTANT GLOVES AND APRON

**THRESHOLD LIMIT VALUE (TLV):** 2-BUTOXYETHANOL, 20 PPM

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

**PHYSICAL STATE:** LIQUID.

**VISCOSITY:** NOT ESTABLISHED.

**APPEARANCE:** CLEAR RED LIQUID.

**REALITIVE DENSITY:** 8.4 LBS./GL.

**ODOR:** FRUIT SCENT.

**SOLUBILITY:** SOLUBLE.

**BOILING POINT:** NOT ESTABLISHED.

**VAPOR PRESSURE:** NOT ESTABLISHED.

**FREEZING POINT:** NOT ESTABLISHED.

**VAPOR DENSITY:** NOT ESTABLISHED.

**SPECIFIC GRAVITY:** 1.0

**DECOMPOSITION:** NOT ESTABLISHED.

**pH (1%):** 2.5-3.0

**TEMPERATURE:**

**EVAPORATION RATE:** LESS THAN 1.

**PARTICAL COEFFICIENT:** NOT ESTABLISHED.

**FLASH POINT:** >200 F

**N-OCTANOL/WATER**

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

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

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

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## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** STABLE.

**CONDITIONS TO AVOID:** NONE KNOWN.

**INCOMPATIBLE MATERIALS:** DO NOT MIX WITH OTHER CHEMICALS.

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

## 11. TOXICOLOGICAL INFORMATION

**EYE IRRITATION/CORROSION:** SERIOUS EYE DAMAGE/ EYE IRRITATION

**EFFECTS OF SHORT-TERM EXPOSURE:** DIRECT EYE CONTACT MAY CAUSE SEVERE IRRITATION OR BURNS.

**INGESTION:** HARMFUL IF SWALLOWED. IRRITATION OR BURNS TO MOUTH, THROAT, 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

MATERIALS ARE TO BE DISPOSED OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

## 14. TRANSPORTATION INFORMATION

### GROUND SHIPPING INFORMATION:

CLEANING, SCOURING, OR WASHING COMPOUNDS, N.O.S., LIQUID.

### WATER SHIPPING INFORMATION:

CLEANING, SCOURING, OR WASHING COMPOUNDS, N.O.S., LIQUID.

### AIR SHIPPING INFORMATION:

CLEANING, SCOURING, OR WASHING COMPOUNDS, N.O.S., LIQUID.

## 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

GLYCOL ETHERS

#### CAS NUMBER:

CATEGORY N230

#### PERCENT:

17.0%

### 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; CLASS D-2A MATERIAL CAUSES TOXIC EFFECTS 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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