



# BASESAFE Dry Neutralizer

Distributed by  
**Rainbow Technology Corp.**  
Tel: 1.800.637.6047 / 205.733.0333  
RTC Products #62512, #62513

Version: 1.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

### Product Identifier

**Product Form:** Mixture

**Product Name:** BASESAFE Dry Neutralizer

**Product Code:** BN Series

### Intended Use of the Product

Spill cleanup/ Neutralize caustic. For professional use only.

### Name, Address, and Telephone of the Responsible Party

#### **Company**

WYK Sorbents, LLC

11721 Lackland Road

St. Louis, MO 63146

(314) 426-3336

web: [www.wyksorbents.com](http://www.wyksorbents.com)

email: [wyk@wyksorbents.com](mailto:wyk@wyksorbents.com)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### **Classification (GHS-US)**

Comb. Dust

Eye Irrit. 2A H319

#### Label Elements

##### **GHS-US Labeling**

##### **Hazard Pictograms (GHS-US)**



GHS07

##### **Signal Word (GHS-US)**

: Warning

##### **Hazard Statements (GHS-US)**

: May form combustible dust concentrations in air

H319 - Causes serious eye irritation

##### **Precautionary Statements (GHS-US)**

: P264 - Wash hands, forearms, and exposed areas thoroughly after handling

P280 - Wear eye protection, protective clothing, protective gloves

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

P337+P313 - If eye irritation persists: Get medical advice/attention

#### Other Hazards Not available

#### Unknown Acute Toxicity (GHS-US) Not available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Citric acid	(CAS No) 77-92-9	99.983	Comb. Dust Eye Irrit. 2A, H319

Full text of H-phrases: see section 16

## SECTION 4: FIRST AID MEASURES

### Description of First Aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

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**Inhalation:** If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.

**Skin Contact:** Remove contaminated clothing. Rinse affected area with water for at least 5 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell.

### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Causes serious eye irritation.

**Inhalation:** Dust from this product may cause irritation to the respiratory tract.

**Skin Contact:** May cause mild skin irritation.

**Eye Contact:** Causes serious eye irritation.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting.

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention.

## **SECTION 5: FIREFIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical powder, alcohol foam, carbon dioxide, water spray, fog.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Combustible Dust.

**Explosion Hazard:** Avoid dust clouds in combination with static electricity.

**Reactivity:** Dust clouds can be explosive.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>).

### **Reference to Other Sections**

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Consider the risk of potentially explosive atmospheres. Avoid generating dust. Keep away from open flames, hot surfaces and sources of ignition. No smoking. Avoid all contact with skin, eyes, or clothing. Avoid breathing dust.

### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Eliminate ignition sources. Stop leak if safe to do so.

### **Environmental Precautions**

Avoid release to the environment.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Avoid generation of dust during clean-up of spills.

**Methods for Cleaning Up:** Use only non-sparking tools. Clear up spills immediately and dispose of waste safely.

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection.

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### SECTION 7: HANDLING AND STORAGE

#### Precautions for Safe Handling

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work.

#### Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use.

**Incompatible Materials:** Strong bases. Strong oxidizers. Metals.

**Storage Temperature:** < 65.5 °C (150 °F)

#### Specific End Use(s)

Spill cleanup/ Neutralize caustic. For professional use only.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

#### Exposure Controls

**Appropriate Engineering Controls:** Ensure adequate ventilation, especially in confined areas. Avoid high dust concentration. Use explosion-proof equipment. Ensure all national/local regulations are observed. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

**Personal Protective Equipment:** Safety glasses. Gloves. Protective clothing. Insufficient ventilation: wear respiratory protection.



**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of dust are expected to exceed exposure limits.

**Other Information:** When using, do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	:	Solid
<b>Appearance</b>	:	Bluish-White Crystalline Powder
<b>Odor</b>	:	Odorless
<b>Odor Threshold</b>	:	Not available
<b>pH</b>	:	Not available
<b>Relative Evaporation Rate (butylacetate=1)</b>	:	Not available
<b>Melting Point</b>	:	Not available
<b>Freezing Point</b>	:	Not available
<b>Boiling Point</b>	:	Not available
<b>Flash Point</b>	:	Not available
<b>Auto-ignition Temperature</b>	:	Not available
<b>Decomposition Temperature</b>	:	Not available
<b>Flammability (solid, gas)</b>	:	Not available
<b>Lower Flammable Limit</b>	:	Not available
<b>Upper Flammable Limit</b>	:	Not available
<b>Vapor Pressure</b>	:	Not available
<b>Relative Vapor Density at 20 °C</b>	:	Not available
<b>Relative Density</b>	:	Not available
<b>Specific Gravity</b>	:	Not available

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<b>Solubility</b>	:	Not available
<b>Log Pow</b>	:	Not available
<b>Log Kow</b>	:	Not available
<b>Viscosity, Kinematic</b>	:	Not available
<b>Viscosity, Dynamic</b>	:	Not available
<b>Explosive properties</b>	:	Dust explosion hazard in air
<b>Explosion Data – Sensitivity to Mechanical Impact</b>	:	Not available
<b>Explosion Data – Sensitivity to Static Discharge</b>	:	Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Dust clouds can be explosive.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Avoid creating or spreading dust. Direct sunlight. Extremely high or low temperatures.

**Incompatible Materials:** Strong bases. Strong oxidizers. Metals.

**Hazardous Decomposition Products:** Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity** : Not classified

**LD50 and LC50 Data** Not available

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not available

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Dust from this product may cause irritation to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** May cause mild skin irritation.

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** Repeated or prolonged skin contact may cause dermatitis and defatting.

### Information on Toxicological Effects - Ingredient(s)

#### **LD50 and LC50 Data**

<b>Citric acid (77-92-9)</b>	
LD50 Oral Rat	5400 mg/kg
LD50 Dermal Rat	> 2000 mg/kg
ATE (oral)	5400.000 mg/kg body weight

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** Not classified

#### **Citric acid (77-92-9)**

LC50 Fish 1	1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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#### **Persistence and Degradability**

<b>Kolorsafe dry BASE neutralizer</b>	
Persistence and Degradability	Not established.

#### **Citric acid (77-92-9)**

Persistence and Degradability	Readily biodegradable in water.
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# BASESAFE Dry Neutralizer

## Safety Data Sheet

### Bioaccumulative Potential

#### Kolorsafe dry BASE neutralizer

Bioaccumulative Potential	Not established.
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#### Citric acid (77-92-9)

Log Pow	-1.72 (at 20 °C)
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**Mobility in Soil** Not available

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

## SECTION 14: TRANSPORT INFORMATION

In Accordance With ICAO/IATA/DOT/TDG

**UN Number** Not regulated for transport

**UN Proper Shipping Name** Not regulated for transport

**Additional Information** Not available

**Transport by sea** Not regulated for transport

**Air transport** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

#### Kolorsafe dry BASE neutralizer

SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard Fire hazard
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#### Citric acid (77-92-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### US State Regulations

#### Citric acid (77-92-9)

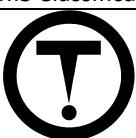
U.S. - Texas - Effects Screening Levels - Long Term

U.S. - Texas - Effects Screening Levels - Short Term

### Canadian Regulations

#### Kolorsafe dry BASE neutralizer

WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
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#### Citric acid (77-92-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Listed on the Canadian Ingredient Disclosure List

WHMIS Classification	Class E - Corrosive Material
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This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

## SECTION 16: OTHER INFORMATION

**Revision date** : 01/01/2020

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

### GHS Full Text Phrases:

Comb. Dust	Combustible Dust
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# BASESAFE Dry Neutralizer

## Safety Data Sheet

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Comb. Dust	May form combustible dust concentrations in air
H319	Causes serious eye irritation

### Party Responsible for the Preparation of This Document

WYK Sorbents,LLC

Phone Number: +1 (314) 426-3336

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

North America GHS US 2012 & WHMIS