



## SAFETY DATA SHEET

OSHA Hazard Communication Standard 29 CFR 1910.1200. Prepared to GHS Rev03.

DN10

SDS No.: DN10\_0721

Date Prepared: 06/18/2018

### SECTION 1: IDENTIFICATION

PRODUCT NAME:	DN10
SYNOMYS:	DN10-4, DDK, DETERGENT NEUTRALIZER
PRODUCT USE:	NEUTRALIZER POWDER USED TO TREAT USED SOLUTION TO MEET DISPOSAL REGULATIONS
MANUFACTURED FOR:	GRAYMILLS CORPORATION   2601 S. 25 <sup>TH</sup> AVENUE   BROADVIEW, IL 60155 USA   773-248-6825
MANUFACTURER:	LA CHEMICAL   2415 GARDNER ROAD, BROADVIEW, IL 60155   708-345-6880
EMERGENCY:	CHEMTREC   1-800-424-9300 (within the U.S.)   +1-703-741-5500 (outside of U.S.) AAPCC Poison Help   1-800-222-1222

### SECTION 2: HAZARD IDENTIFICATION

#### GHS CLASSIFICATION

##### HEALTH

Eye Irritation, Category 2A  
Skin Irritation:

##### ENVIRONMENTAL:

Acute Hazards to the Aquatic Environment, Category 2

##### GHS LABEL:



**SIGNAL WORD:** WARNING

##### HAZARD STATEMENTS

H316: Causes mild skin irritation.  
H320: Causes eye irritation.  
H302: Harmful if swallowed.  
H402: Harmful to aquatic life.

##### PRECAUTIONARY STATEMENTS

###### PREVENTION:

P102: Keep out of reach of children.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P271: Use only outdoors or in a well-ventilated area.  
P264: Wash exposed skin thoroughly after handling.

**RESPONSE:**

P101: If medical advice is needed, have product container or label at hand.

P303+P361+P353: IF ON SKIN or hair Take off immediately all contaminated clothing.

Rinse skin with water or shower.

P363: Wash contaminated clothing before reuse.

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

P301+P312: IF SWALLOWED: Call a Poison Center or doctor if you feel unwell.

**STORAGE:** P402+P404: Store in a dry place. Store in a closed container.

**DISPOSAL:** P501: Dispose of contents and container in accordance with local regulations.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Aluminum Sulfate	> 95	10043-01-3
Phenolphthalein	< 1	77-09-8

**COMMENTS:** Formulation is based on weight %

### SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Rinse mouth with water. If symptoms persist, seek medical attention.

**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt, or waistband.

#### **SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Adverse symptoms may include pain or irritation, watering, and redness.

**SKIN:** Contact causes skin irritation.

**INGESTION:** Adverse symptoms may include nausea and vomiting.

**INHALATION:** Adverse symptoms may include respiratory tract irritation and coughing.

### SECTION 5: FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Not Applicable

**EXTINGUISHING MEDIA:** This product is non-flammable and will not support combustion.

**EXPLOSION HAZARDS:** Not considered to be an explosion hazard.

**FIRE FIGHTING EQUIPMENT:** Fire-fighters should wear appropriate protective equipment and self-contained breathing

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable closed containers for disposal.

**LARGE SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**GENERAL PROCEDURES:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air). Water polluting material may be harmful to the environment if released in large quantities.

**SPECIAL PROTECTIVE EQUIPMENT:** Wear protective gloves/protective clothing/eye protection/face protection.

## SECTION 7: HANDLING AND STORAGE

**HANDLING:** Minimize dust production when mixing, or opening and closing containers. Avoid inhalation of dust. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices and use appropriate lifting techniques.

**STORAGE:** Store in accordance with local regulations. Store in a segregated and approved area in original container protected from sunlight in a dry, cool and well-ventilated and approved area away from incompatible materials. Keep container closed to prevent drying out. Move container away from oxidizing materials. Use appropriate containment to avoid environmental contamination.

**STORAGE TEMPERATURE:** Store in a cool place below 120° F (49°C).

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS			EXPOSURE LIMITS	
Chemical Name	Supplier OEL		ppm	mg/m <sup>3</sup>
	STEL	2		
Aluminum Sulfate				

**ENGINEERING CONTROLS:** Use engineering controls to maintain airborne level below exposure limit requirements or guidelines. If there is not applicable exposure limit requirements or guidelines, use only adequate ventilation. Local exhaust ventilation may be necessary for some operations.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

**SKIN:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

**RESPIRATORY:** Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

**PROTECTIVE CLOTHING:** Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron, or full body suit will depend on the task.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>PHYSICAL STATE:</b>	Solid
<b>ODOR:</b>	Low to no odor
<b>ODOR THRESHOLD:</b>	Not Applicable
<b>APPEARANCE:</b>	White to off-white powder
<b>PHYSICAL STATE COMMENTS:</b>	This product is non-flammable and will not support combustion.
<b>pH:</b>	3 to 5
<b>FLASH POINT AND METHOD:</b>	Not Applicable
<b>FLAMMABLE LIMITS:</b>	This product is not flammable.
<b>AUTOIGNITION TEMPERATURE:</b>	Not Applicable
<b>VAPOR PRESSURE:</b>	Not Applicable
<b>VAPOR DENSITY:</b>	Not Applicable

<b>BOILING POINT:</b>	99°C (210°F)
<b>MELTING POINT:</b>	770°C (1418°F)
<b>THERMAL DECOMPOSITION:</b>	770°C
<b>SOLUBILITY IN WATER:</b>	1000 g/L
<b>DENSITY:</b>	2.71 at 25°C (77°F)
<b>VISCOSITY:</b>	Not Applicable

## SECTION 10: STABILITY AND REACTIVITY

**REACTIVITY:** Normally reactive if handled properly

**HAZARDOUS POLYMERIZATION:** Product will not undergo polymerization.

**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID:** Contact with incompatible materials

**POSSIBILITY OF HAZARDOUS REACTIONS:** No hazardous reactions when stored and handled according to instructions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Sulfur oxides

**INCOMPATIBLE MATERIALS:** Strong oxidizing agents. Strong bases. Water

## SECTION 11: TOXICOLOGICAL INFORMATION

### ACUTE

**DERMAL LD<sub>50</sub>:** No data available. Contact Environmental Department

**SKIN ABSORPTION:** No data available. Contact Environmental Department.

**ORAL LD<sub>50</sub>:** > 1930 mg/kg

**INHALATION LC<sub>50</sub>:** No data available. Contact Environmental Dept.

**EYE EFFECTS:** Causes serious eye irritation

**SKIN EFFECTS:** The ingredients are deemed non-corrosive by DOT regulations. May cause redness and irritation to the skin.

### CARCINOGENICITY

**IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

**NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

**OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC.

**NEUROTOXICITY:** No known significant effects or critical hazards.

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

## SECTION 12: ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No environmental data has been collected for this product.

**BIOACCUMULATION/ACCUMULATION:** This product has a low potential to bioaccumulate.

### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** 3-5 mg/l- Fish

**48-HOUR EC<sub>50</sub>:** 12-14 mg/l- Crangonyx pseudogracilis

## SECTION 13: DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all local, state, and federal regulations.

**FOR LARGE SPILLS:** Do not allow product to reach sewage system.

**PRODUCT DISPOSAL:** Disposal must be made according to official regulations.

**EMPTY CONTAINER:** Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues.

## SECTION 14: TRANSPORT INFORMATION

### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** This product is not regulated by the DOT under 49 CFR

### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** This product is not regulated by the DOT under 49 CFR

### VESSEL (IMO/IMDG)

**SHIPPING NAME:** This product is not regulated by the DOT under 49 CFR

## SECTION 15: REGULATORY INFORMATION

### UNITED STATES

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

**311/312 HAZARD CATEGORIES:** Not hazardous

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** None reportable

#### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

**CERCLA REGULATORY:** This product is listed on the CERCLA Inventory.

Chemical Name	Wt.%	CERCLA RQ
Aluminum Sulfate	> 95	5,000

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Aluminum Sulfate	10043-01-3
Phenolphthalein	77-09-8

**TSCA STATUS:** All ingredients are listed on the TSCA chemical substance inventory.

### CALIFORNIA PROPOSITION 65

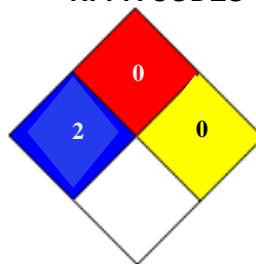
Chemical Name	Wt.%	Listed
Phenolphthalein	< 1	Cancer

## SECTION 16: OTHER INFORMATION

## HMIS RATING

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	E

## NFPA CODES



**PREPARED BY:** Rob Cotner    **DATE PREPARED:** 06/18/2018

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