



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
SYNONYMS:	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 TH 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	
		Supplier OEL	
		ppm	mg/m ³
Chemical Name			
Aluminum Sulfate	STEL	2	

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

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

BOILING POINT:	99°C (210°F)
MELTING POINT:	770°C (1418°F)
THERMAL DECOMPOSITION:	770°C
SOLUBILITY IN WATER:	1000 g/L
DENSITY:	2.71 at 25°C (77°F)
VISCOSITY:	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 LD₅₀: No data available. Contact Environmental Department

SKIN ABSORPTION: No data available. Contact Environmental Department.

ORAL LD₅₀: > 1930 mg/kg

INHALATION LC₅₀: 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 LC₅₀: 3-5 mg/l- Fish

48-HOUR EC₅₀: 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

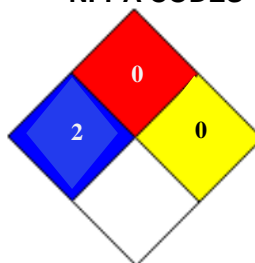
TSCA STATUS: All ingredients are listed on the TSCA chemical substance inventory.

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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