SECTION 1: IDENTIFICATION

<table>
<thead>
<tr>
<th>PRODUCT NAME:</th>
<th>DN10</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYNONYMS:</td>
<td>DN10-4, DDK, DETERGENT NEUTRALIZER</td>
</tr>
<tr>
<td>PRODUCT USE:</td>
<td>NEUTRALIZER POWDER USED TO TREAT USED SOLUTION TO MEET DISPOSAL REGULATIONS</td>
</tr>
<tr>
<td>MANUFACTURED FOR:</td>
<td>GRAYMILLS CORPORATION</td>
</tr>
<tr>
<td>MANUFACTURER:</td>
<td>LA CHEMICAL</td>
</tr>
<tr>
<td>EMERGENCY:</td>
<td>CHEMTREC</td>
</tr>
<tr>
<td></td>
<td>AAPCC Poison Help</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Sulfate</td>
<td>&gt; 95</td>
<td>10043-01-3</td>
</tr>
<tr>
<td>Phenolphthalein</td>
<td>&lt; 1</td>
<td>77-09-8</td>
</tr>
</tbody>
</table>

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 in 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

<table>
<thead>
<tr>
<th>OSHA HAZARDOUS COMPONENTS</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Supplier OEL</td>
</tr>
<tr>
<td></td>
<td>ppm</td>
</tr>
<tr>
<td></td>
<td>mg/m³</td>
</tr>
<tr>
<td>Aluminum Sulfate</td>
<td>STEL 2</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>CERCLA RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Sulfate</td>
<td>&gt; 95</td>
<td>5,000</td>
</tr>
</tbody>
</table>

TSCA (TOXIC SUBSTANCE CONTROL ACT)

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Sulfate</td>
<td>10043-01-3</td>
</tr>
<tr>
<td>Phenolphthalein</td>
<td>77-09-8</td>
</tr>
</tbody>
</table>

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

CALIFORNIA PROPOSITION 65

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Wt.%</th>
<th>Listed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenolphthalein</td>
<td>&lt; 1</td>
<td>Cancer</td>
</tr>
</tbody>
</table>
### HMIS RATING

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>2</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>E</td>
</tr>
</tbody>
</table>

### NFPA CODES

```
   2

   0

   0

   2
```

---

**PREPARED BY:** Rob Cotner  
**DATE PREPARED:** 06/18/2018  
To ensure that you have the most current SDS, please check our website [www.graymills.com](http://www.graymills.com)

**MANUFACTURER DISCLAIMER:** While reasonable care has been taken to ensure the accuracy and completeness of the information regarding the material described herein, it is the purchaser's responsibility to ensure the suitability of such information as it applies to the purchaser’s intended use of the material. Graymills Corporation assumes no responsibility resulting from the use of this SDS.