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MATERIAL SAFETY DATA SHEET  
NOVAPURGE  
POWDER GRADES

Includes NP-500 *Universal Concentrate*

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## I - Product Identification

**Name:**

- Novapurge Universal Concentrate Chemical Purging Compound (NP-500)

**Emergency Overview:**

Finely divided gray-white powder. Possible slight ammonia odor. Not combustible. No significant health effects associated with these products.

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## II - Composition (Hazardous Components)

	<u>Percentage</u>	<u>CAS Number</u>
Component A	<10	Trade Secret

(See Section 8 of this MSDS for exposure guidelines)

Other components are inert minerals.

Thermal decomposition products include ammonia.

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## III - Hazards Identification

**Potential Health Effects:**

If ventilation is not adequate, fumes of ammonia during use may cause tearing. Inhalation of dust generated from fine may cause irritation of nose, throat, lungs.

Oral ingestion of massive amounts of these products may result in additional toxic effects due to Component A, which is present in low concentration. See First Aid recommendations in Section IV and contact the manufacturer.

**Fire and Explosion:**

This product is not combustible.

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## IV - First Aid

**Emergency First Aid Procedure:**

- **Eyes:** In case of contact, immediately flush with plenty of low pressure water for at least 15 minutes. Remove any contact lenses to ensure thorough flushing. Call a physician.
- **Skin:** Wash with soap and running water. If molten polymer contacts the skin, cool rapidly with water and obtain medical attention for thermal burn.
- **Inhalation:** Remove to fresh air. Treat symptomatically.
- **Ingestion:** If swallowed give large amounts of milk. Call a physician.

**Medical conditions generally recognized as being aggravated by exposure:** None known.

**Primary Routes of Entry:** Mouth and nose.

(continued on other side)

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## V - Fire Fighting Measures

**Special Fire Fighting Procedures:** None

**Flash Point:** Not Applicable

**Flammability Limits:** Not Applicable

**Hazardous Combustion Products:** None (ammonia is released on heating).

**Extinguishing Media:** Not Applicable

**Autoignition Temperature:** Not Applicable

**Unusual Fire & Explosion Hazards:** None

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## VI - Accidental Release Measures

Sweep up excess material and put in container for disposal.

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## VII - Handling and Storage

### Appropriate Hygienic Practices:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating, drinking or smoking.

**Proper storage Conditions:** Store tightly covered in a cool, dry area.

### Stability:

Stable up to 200°F. Upon heating above 200°F, one component present in less than 10% concentration will decompose. Decomposition products include water, CO<sub>2</sub>, nitrogen and ammonia.

**Incompatibilities:** Strong oxidizers, hypochlorite bleaches..

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## VIII - Exposure Controls / Personal Protection

### Engineering Controls:

Provide good ventilation to keep dust and vapor concentrations below acceptable exposure limits.

### Personal Protective Equipment:

Safety glasses as a matter of routine safe practices. Appropriate respirator selected and used in accordance with OSHA Standards (29CFR1910.134) required when exposure to airborne contaminant is likely to exceed acceptable limits.

**Exposure Limits:** (from OSHA Standards, 29CFR1910.1000 Subpart Z Table Z-1-A)

- Nuisance dust from fines: Airborne levels - 5 mg/m<sup>3</sup> Respiratory Fraction; 10 mg/m<sup>3</sup> Total Dust
- Ammonia Vapors: 35ppm or 27 mg/m<sup>3</sup>

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## IX - Disposal Considerations

Dispose of in accordance with environmental regulations at local, state and federal levels. Private pickup may be necessary. After use, dispose of as inert, mineral filled polymer.

This product is not listed in federal hazardous waste regulations 40CFR261.33 paragraphs (e) or (f), i.e. chemical products that are considered hazardous if they become wastes. It does not exhibit any of the hazardous characteristics listed in 40CFR261 Subpart C. State or local hazardous waste regulations may apply if different from federal regulations.

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## X - Other Information

### Hazardous Materials Identification System Ratings

Health Hazard: 1 Slight Flammability Hazard: 0 Minimal Reactivity Hazard: 0 Minimal

### TSCA:

This product complies with all TSCA Inventory requirements.