

## Material Safety Data Sheet

### I. Manufacturer

**Date Prepared:** 12/01/99  
Xorb L.L.C.  
2121 S. Woodland Circle  
Bowling Green, OH 43402  
419-354-6021

**Emergency Telephone Number:**  
440-285-8351

**Identification** (as used on label & list)  
Xorb A.N. Neutralizing Sorbent

**Chemical Description:** Mixture of Soda  
Ash and pH indicator

### II. Ingredients

**Hazardous Ingredients: Hazardous Rating**  
None

### III. Physical Data

**Boiling Point (F):** N/A  
**Vapor Pressure (mm Hg):** N/A  
**Vapor Density (air = 1):** N/A  
**Solubility in Water:** 90%+  
**Specific Gravity (H<sub>2</sub>O = 1)** N/A  
**Percent Volatile By Volume:** N/A  
**Evaporation Rate:** N/A  
**Appearance and Odor:** Blue/White granular  
Powder – no odor

### IV. Fire & Explosion Hazard Data

**Flash Point:** Not Combustible  
**Extinguishing Media:** Not Combustible  
**Flammable Limits:** Not Combustible  
**Special Fire Fighting Procedures:** Not  
Combustible  
**Unusual Fire & Explosion Hazards:** None

### V. Reactivity Data

**Stability:** Unstable \_\_\_\_\_ Stable X  
**Conditions to Avoid:** Hydrofluoric Acid

**Incompatibility:** (materials to avoid)  
Hydrofluoric Acid (HF)

**Hazardous Decomposition Products:**  
Reaction with HF may produce SiF<sub>4</sub> vapors

**Hazardous Polymerization:** Will not occur

### VI. Health Hazard Data

**Threshold Limit Value:** N/E

**Routes of Entry:**

Inhalation? Yes  
Skin? No  
Ingestion? Yes

**Health Hazards (acute and chronic)**

(Acute): None known- may cause eye, skin  
and respiratory irritation.

(Chronic): None known

**Carcinogenicity:**

**NTP?** Not Listed  
**IARC Monographs?** Not Listed  
**OSHA Regulated?** Not Regulated

**Signs and Symptoms of Exposure:**  
See Health Hazards above

### Emergency and First Aid Procedures:

Eyes: Flush with cool tap water for at least  
15 minutes.

Skin: Wash with warm water

Respiratory: Remove to fresh air

Ingestion: Drink large amounts of water. Do  
not induce vomiting. In all cases, get  
medical attention if irritation persists.

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## **VII. Spill Or Leak Procedures**

**Steps to be taken in case material is released or spilled:** Clean up spill in a manner to minimize dust. Reuse product or place in a closed, labeled container.

**Waste and Disposal Method:** Dispose of in Compliance with local, state and federal regulations.

## **VIII. Special Protection Information**

**Respiratory Protection (Specify Type):**  
Where dust exists, use NIOSH/MSHA Approved nuisance dust respirator.

**Ventilation:** Local exhaust if dust conditions prevail.

**Special:** None

**Protective Gloves:** Chemical resistant gloves.

**Other:** Eye wash available

**Eye Protection:** Safety glasses or goggles.  
Do not wear contact lenses.

**Other Protective Equipment:**

## **IX. Special Precautions**

**Precautions to be taken in handling and storing:** Do not use on hydrofluoric acid (HF) peroxy organic acids, fuming sulfuric acid (oleum) or fuming nitric acid.

**Other Precautions:** Store in cool, dry place.  
Prolonged storage may result in caking.

As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state law(s). However, no warranty or representation with respect to such information is intended or given.