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Item #0395-0073

AMMONIA AROMATIC SPIRITS

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SECTION I

PRODUCT IDENTIFICATION

PRODUCT NAME: Ammonia Aromatic Spirits

FORMULA WT: .00

COMMON SYNONYMS: "Smelling Salts"

SECTION II

HAZARDOUS COMPONENTS

| Component | Percent | CAS No. |
|------------------|----------------|----------------|
| Ammonia | 1.7 - 2.1% | 7664-41-7 |
| Ethyl Alcohol | 62 - 68% | 64-17-5 |

SECTION III

PHYSICAL DATA

Boiling Point: NA

Melting Point: NA

Specific Gravity: (H₂O = 1) 0.89

Solubility: (In water) Incomplete

Vapor Pressure: (mmHg) NA

Vapor Density: (Air=1) NA

Evaporation Rate (Butyl Acetate=1): NA

Appearance and Odor: Clear, colorless solution with a pungent odor.

% Volatiles by Volume: NA

SECTION III A

DEGREE OF HAZARD

| | | |
|-------------------|--------------|---|
| Degree of Hazard | | |
| 4 - Extreme | Flammability | 4 |
| 3 - High | Health | 3 |
| 2 - Moderate | Reactivity | 2 |
| 1 - Slight | | |
| 0 - Insignificant | | |

SECTION IVFIRE AND EXPLOSION HAZARDS

Flash Point: 71°F (22°C)

Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Special Firefighting Procedures and Precautions: Firefighters should wear proper protective equipment and self-contained (positive pressure if available) breathing apparatus with full facepiece. Move exposed containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool; do not get water inside containers.

Unusual Fire and Explosion Hazards: Gives off flammable vapors. Vapors may form explosive mixture with air. Closed containers exposed to heat may explode.

Toxic Gases Produced: Ammonia, hydrogen gas.

SECTION V

HEALTH HAZARD DATA

Toxicity test results and safety and health effects are based on the Ammonia.

Threshold Limit Value (TLV/TWA): 18 mg/m₃ (25 ppm)

Short-Term Exposure Limit (STEL): 27 mg/m₃ (35 ppm)

Permissible Exposure Limit (PEL): 35 mg/m₃ (50 ppm)

Carcinogenicity: NTP: No **IARC:** No **Z List:** No

OSHA Reg: No

Effects of Overexposure: Inhalations of vapors may cause severe irritation or burns of the respiratory system, pulmonary edema, or lung inflammation. Contact with eyes may cause severe irritation or burns. Prolonged eye contact may cause permanent damage to the cornea and blindness may occur. Ingestion may cause severe burning to mouth and stomach.

Medical Conditions Generally Aggravated by Exposure: None identified.

Routes of Entry: Inhalation, ingestion, eye contact, skin contact

First Aid Instructions for Accidental Exposure:

If on Skin: Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before re-use.

SECTION V HEALTH HAZARD DATA (Continued)

If in Eyes: Flush with large amounts of water while lifting upper and lower lids occasionally. Get medical attention.

If Inhaled: Provide fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

If Swallowed: Do Not induce vomiting; if conscious, give large amounts of water. Follow with diluted vinegar, fruit juice or white of eggs, beaten with water. Get medical attention immediately.

SECTION VI REACTIVITY DATA

Stability: Stable

Conditions to avoid: Heat

Incompatibles: Strong acids, alkali metals, strong oxidizing agents, bromine, chlorine, aluminum, copper, brass, bronze, mercury, dimethyl sulfate.

Decomposition Products: Ammonia

SECTION VII SPILL AND DISPOSAL PROCEDURES

Steps to be taken in the event of a spill or discharge: Wear self-contained breathing apparatus and full protective clothing. Stop leak if you can do so without risk. Ventilate area. Carefully neutralize spill with dilute HCl. Flush area with flooding amounts of water. (Use caution for spills of this product.)

Disposal Procedures: Dispose in accordance with all applicable federal, state, and local environmental regulations.

SECTION VIII STORAGE AND HANDLING PRECAUTIONS

Special Precautions: Keep container tightly closed. Store in a corrosion-proof area.

The information published in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions. We reserve the right to revise material safety Data Sheets periodically as new information becomes available.