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MATERIAL SAFETY DATA SHEET

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AROMATIC AMMONIA INHALANT

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

Product: Aromatic Ammonia Inhalant CAS Number: N/A
Product No. 017113-002

SECTION I - PRODUCT IDENTIFICATION

General or generic identification: alkaline
DOT Hazard Classification: Flammable

SECTION II - COMPONENTS

Composition (by weight)

- Ethyl Alcohol 35-40% (CAS No. 64-17-5)
- Ammonium Hydroxide 15-22% (as Ammonia) (CAS No. 1336-21-6)
- Ammonium Carbonate 3-4% (CAS No. 8000-73-5)
- Water 30-47% (CAS No. 7732-18-5)
- Aromatic Oils and Color < 1% (CAS Numbers N/A - non hazardous)

	<u>OSHA PEL</u>	<u>ACGIH</u>	<u>Other limits</u>	<u>Percent</u>
Ammonia	50 ppm	25 ppm		15%
* ACGIH - Short term exposure limit (STEL) for ammonia is 35 ppm, NIOSH recommends a 50 ppm 5 minute ceiling.				

	<u>TLV-TWA</u>		<u>Percent</u>
Ethyl Alcohol	1000 ppm	----	35%

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

- *Boiling Point: 82 Deg F Specific Gravity 0.893
- *Vapor Pressure: 570 mmHg(68 deg F) Melting Point: N/A
- *Vapor Density: (Air = 1) = 0.6 Solubility in Water: Complete
- *Evaporation Rate: Slower than Ether Appearance and Odor: Pink, ammoniacal
- * Data for most volatile component, ammonium hydroxide, ACS

SECTION IV - FIRE AND EXPLOSION HAZARD

Flash Point: 87 deg - open cup
Extinguishing Media - Carbon Dioxide or Water.
Explosive Limit: N/A

Firefighting Procedures: Use approved respirator with ammonia filter as recommended by safety equipment supplier. Wear splash goggles.

Special Fire and Explosion Hazards, Not Applicable

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SECTION V - HEALTH HAZARD DATA

Routes of Entry(intended): Inhalation

Health Hazards: See balance of this section

Signs and Symptoms of Exposure: Irritating to Eyes and Mucous Membranes

**Medical Conditions Generally Aggravated by Exposure: High Blood Pressure,
Stroke, Diabetes and Cardiovascular Disease**

**Emergency First Aid Procedures: In event of contact flush skin or eyes
liberally with water, if affected, see a doctor if symptoms persist.
If breathing is affected, remove individual to fresh air. If breathing is
difficult, administer oxygen. If breathing has stopped give artificial
respiration. Keep person warm, quiet and get medical attention.**

Carcinogens - None present

SECTION VI - REACTIVITY DATA

Hazardous polymerization cannot occur

Stability: Stable

Incompatibility: Avoid contact with strong mineral acids

SECTION VII - SPILL OR LEAK PROCEDURE

Steps to be taken in case material is spilled:

Small Spill: Allow to evaporate, ventilate area

Large Spill: Not applicable, shipped in small quantities only

Precautions to be taken in handling and storage: No special requirements

SECTION VIII - PROTECTIVE EQUIPMENT TO BE USED

**Respiratory Protection: Use approved respirator with ammonia filter as
recommended by safety equipment supplier.**

Ventilation: Provide sufficient general ventilation

Eye Protection: Splash Goggles (consult your safety supplier)

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SECTION IX - COMMENTS

Aromatic ammonia inhalant manufactured by Newton Industries is not shipped in bulk, but only as packaged in covered crushable ampule form, each ampule containing 0.33 ml.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

