

# THE DARRON COMPANY, INC.

Private Label Specialists



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## MATERIAL SAFETY DATA SHEET

### I. PRODUCT IDENTIFICATION

TRADE NAME (as labeled): Sudsy Ammonia

DATE PREPARED OR REVISED: December 28, 1995

HEALTH: 2      FLAMMABILITY: 0      REACTIVITY: 1

### II. HAZARDOUS INGREDIENTS

CHEMICAL NAMES	CAS Number	Percent*	Exposure limits in air
			ACGIH TLV    OSHA PEL    OTHER:
Ammonia (as NH <sub>3</sub> )	7664-41-7		25 ppm    50 ppm
Sudsy		3.75	

### III. PHYSICAL PROPERTIES

Vapor density (air=1): N/A	Melting point or range, F: N/A
Specific Gravity: 0.975-0.995	Boiling point or range, F: 191-212
Solubility on water: 100%	Evaporation rate (butyl acetate=1): N/A
Vapor pressure, mm Hg @ 20: N/A	
Appearance and odor: Cloudy white liquid with distinct ammonia odor.	

### IV. FIRE AND EXPLOSION

Flash point, F (give method): Non-flammable  
Flammable limits in air, volume %: Lower: 16% as NH    Upper: 27% as NH  
Fire Extinguishing materials:

Water Spray: X    Carbon Dioxide: X    Foam: X    Dry Chemical: X    Other:

Special firefighting procedures: If possible, move product from fire area. Cool fire exposed containers with water spray.

Unusual fire and explosion hazards: Negligible fire and explosion hazard. However, if ammonia gas is evolved, it is flammable.

\*Not a required category

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## V. HEALTH HAZARD INFORMATION

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**SYMPTOMS OF OVEREXPOSURE FOR EACH POTENTIAL ROUTE OF EXPOSURE:** Based primarily on the fact that ammonia (as NH<sub>3</sub>) is the hazardous ingredient in the finished product.

**Inhaled:** Mild exposure to ammonia vapors may cause irritation of the nose, throat, coughing and sneezing. A more severe exposure may cause respiratory irritation, dyspnea, pulmonary edema. Repeated or prolonged exposure to vapors may cause, in addition to irritation, bronchitis and pneumonia.

**Contact with skin or eyes:** Powerful irritant, may cause conjunctivitis, swelling of eyelids, chemical burns, transient corneal damage. Repeated or prolonged exposure in addition to irritation, may cause cataracts and retinal atrophy.

**Absorbed through skin:** Powerful irritant. May cause severe burning pain and corrosive damage. Repeated or prolonged exposure may cause dermatitis.

**Swallowed:** If ingested may cause excessive salivation, nausea, vomiting, gastric irritation with chances of perforation. Ingestion of large quantities may produce depression, shock and convulsions.

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### HEALTH EFFECTS OR RISKS FROM EXPOSURE

**Acute:** Based on the testing of this product on animals, it is both an eye and skin irritant (rabbit) and toxic by ingestion (rat).

**Chronic:** Not determined.

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### FIRST AID AND EMERGENCY PROCEDURES

**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Get prompt medical attention.

**Skin Contact:** Rinse well with running water. If irritation occurs or persists, contact physician or local poison control center.

**Inhaled:** If effects occur, remove to fresh air. Provide symptomatic and supportive care. Contact physician or local poison control center.

**Swallowed:** Immediately give large quantities of milk or water to dilute. Do NOT induce vomiting. Get prompt medical attention.

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### SUSPECT CANCER AGENT ?

**NO: X**      This product's ingredients are not found in the lists below.

**YES:**      **Federal OSHA:**      **NTP:**      **IARC:**

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**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Persons with pre-existing skin disorders may be susceptible to the effects of this material. Respiratory symptoms associated with pre-existing lung disorders (e.g. asthma-like conditions) may be aggravated by exposure to this material.

## VI. REACTIVITY DATA

**STABILITY****STABLE: X****UNSTABLE:**

Conditions to avoid: Heat.

Incompatibility (materials to avoid): Chlorine, bromine, iodine, hypochlorite, mineral acids. Violent reactions may occur with incompatible materials releasing irritating or toxic gases.

Hazardous decomposition products (including combustion products): Toxic oxide of nitrogen and ammonia gas.

Hazardous polymerization:

May occur:

Will not occur: X

## VII. SPILL, LEAK, AND DISPOSAL PROCEDURES

Spill response procedures (including employee protection measures): Flush away spilled product with water when vapors will permit. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing vapors.

Preparing wastes for disposal (container types, neutralization, etc.): Dilute with water and flush to sewer in accordance with federal, state, and local environmental regulations.

NOTE: Dispose of all wastes in accordance with federal, state, and local regulations.

## VIII. CONTROL MEASURES

Ventilation and engineering controls: Use local exhaust system.

Respiratory protection (type): Use Niosh-approved respirator that will provide protection from ammonia gas. If ammonia vapors > 300 ppm use self contained breathing apparatus with full face shield.

Eye protection (type): Wear protective safety goggles and face shield.

Gloves (specify material): Wear protective gloves impermeable to the product.

Other clothing and equipment: Uniforms, labcoats or coveralls, safety shoes.

Work practices, hygienic practices: Provide eye bath and emergency showers. Launder soiled work clothing when soiled. Clean shoes periodically.

Other handling and storage requirements: Do NOT mix with other household chemicals, such as bleach, automatic toilet bowl cleaner, wall or tile cleaners. Store in a cool ventilated area. Keep out of direct sunlight. Avoid over heating. Protective measures during maintenance of contaminated equipment: Pipelines must be thoroughly flushed of ammonia before welding or cutting to avoid possible ignition of trapped ammonia vapors.

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