79892

DON EMICALS, INC.

1533 W. Henrietta Road Avon, New York 14414 (716) 226-6177

MATERIAL SAFETY DATA SHEET

MSDS No. AA 210 Effective Date July 1, 1986

Threshold Limited Value

ECTION V HEALTH HAZARD DATA

Effects of Overexposure

s) Size CTION AMMONIA SOLUTION (HOUSEHOLD) 10⁵ Hi 100mL. to 4 Lt. Ammonium Hydroxide NAME 24 HOUR EMERGENCY ASSISTANCE HAZARD RATING Day 716-226-6177 Night 716-334-4222 800-424-9300 CHEMTREC Reactivity Health FIF

SHOHT MODERATE

EXTREME

LEAST

ယ နို

HAZARDOUS INGREDIENTS OF MIXTURES

NOIL y. No.

1336-21-6

ipal Hazardous Component(s)

Ammonium Hydroxide

edema, spasm, and asphyxia. 🎉 POISOM. 矣 Inhalation of gas causes

Causes severe frritation or burns to eyes, skin and mucous membranes; highly toxic by oral and inhalation routes. Inhalation of gas causes

TWA: 50ppm (Ammonfa Gas); Oral Rat-LD50 350 mg/Kg

Emergency and First Aid Procedures

THE STATES

EXTERNAL: Flood with water, then wash with winegar. FOR EYES: Flush thoroughly with water, preferably warm, for at least 15 minutes. Then get prompt medical attention. <a href="https://liter.com/riters/rit Get prompt medical attention.

Stability Unstable Stable SECTION VI REACTIVITY DATA Conditions to Avoid When heated, emits toxic fumes.

Incompatibility (Materials to avoid) Acids, acrolein, dimethyl suifate, halogens, AgMO3, Ag2O, Ag4mO

Hazardous
Decomposition Products Hazardous Polymerization **Conditions to Avoid** Ammonia fumes

Steps to be taken in case material is released or spilled

SECTION VI

SPILL OR

LEAK PROCEDURES

Newtralize with sodium bisulfate and flush to sewer with copious amounts of water.

Waste Disposal Method

Neutralize with sodium bisulfate and flush to of water.

Sewer

with copious amounts

Discharge, treatment, or disposal may be subject to federal, state, or local laws

Respiration Protection Specify Type) SECTION VIII SPECIAL PROTECTION INFORMATION

Ventilation Local Exhaust
Mechanical (General) **Protective Gloves** canister if necessary. Recommended. Recommended: Eye Protection Special No. Goggles, chemical safety glasse

Soggles and shield, lab coat, wented hood, proper gloves, eye wash station

SECTION IX SPECIAL PRECAUTIONS

Precautions to be Taken in Handling and Storing

SUAL FIRE AND OSION HAZARDS

Dangerous fire hazard; emits irritating fumes and liquid can inflict burns. Ammonium hydroxide is non-combustible and non-explosive, but ammonia vapors released from solution

form an explosive mixture with air.

CEDURES

•

Wear full protective clothing with respirator mask having

ammonta vapor canister.

guisher

Use

any media for extinguishing the supporting

Liquid not flammable (NA).

FIRE AND EXPLOSION HAZARD DATA

% by Volume NH3 gas

5

Water white liquid; strong, pungent ammonta odor.

Complete (initial condition, shifting as Ammonia is lost.)

OTION IV

bility in Water ات Density (A≟ = ۱۱

0.596 Ammonia Gas 15.6°C.

755 @ 26.7°C (Total)

Liberates Ammonia gas on heating.

Percent Volatile by Volume (%) Evaporation Rate ether

Specific Gravity (H,D=1)

0.897 (liquid)

May Occur

Will Not Occur

100%

Approx. -77°C

arance and Odor

ng Point (°F)

Pressure (mm Hg)

ing Point (°F) CTION III

PHYSICAL DATA

DANGER!

¥.

CAUSE BURNS - IRRITANT.

P 1 UOUNUP 20% as %

Ammonia. See Section V

25ppm in air as TLV Units

(sep container aightly closed when not in use

Store at 75°F. Store away from sources of Store in a well-ventilated area.

ignition, separate from acids.

Other Precautions

Read label on container before using

Rev. No. 16 Date 1/218 Approved Character L. Council.

Chemical Safety Coordinator

٠. ٠

be information contained herein is furnished without warranty of any kind. Employers should use the upplement to other information gathered by them and must make independent deferminations of surfab. The formation from all enurses to all the contained the contained the safety and broken as the contained the contained the safety and broken as the contained t

lation only as a completeness

/ed by U.S. Det

ent of Labor "essentially similar" to form OSHA-20

CORROSIVE MATERIAL.