Material Safety Data Sheet

Go Back To Material Safety Data Sheet Page

Identity: #DRN, Drench

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Section I

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Manufacturer Name:

Denko
28 Ryder Pl.
Freeport, NY 11520

Emergency Telephone Number
1-877-DENKOFOAM
Telephone For Information
1-877-DENKOFOAM
Date Prepared: Jan. 2020
Prepared By: Staff

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Section II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

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Hazardous Components	OSHA PEL	ACGIH TLV	OTHER LIMITS	PERCENT OPTIONAL
*Sodium Hydroxide CAS# 1310-73-2	2mg / m3	2mg / m3		<3
**Ammonium Hydroxide CAS# 1336-21-6	50ppm	25ppm		<1
***Nonylphenol ethoxylate CAS# 9016-45-9	NA	NA		<10

*Sodium Hydroxide is subject to SARA Section 311 / 312 and listed as an Immediate hazard. It is also listed on the following state Right To Know; NJ and PA
**Ammonium Hydroxide is subject to SARA Section 313 and is listed as an Immediate hazard under Section 311 / 312
***Nonylphenol Ethoxylate contains traces of Residual Ethylene Oxide which are subject to SARA 302 / 304. Glycol ethers are subject to SARA Section 311, listed on California Prop 65 and subject to Right To Know Laws in the state of Pennsylvania.

Health 1
Flammability 0
Reactivity 0

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Section III - PHYSICAL / CHEMICAL CHARACTERISTICS

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Boiling Point: . . . . . .>212 deg.F
Specific Gravity. (H2O=1) >1
Vapor Pressure (mm Hg). . . .NA
Melting Point . . . . . .: NA
Vapor Density (water=1). 1
Evaporation Rate . . . . . .:<1 (Butyl Acetate=1)
Solubility in water . . . . . .Complete
Appearance and Odor: Blue liquid, ammonia odor

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Section IV - FIRE AND EXPLOSION HAZARD

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Flash Point (Method Used): None
Flammable Limits:
LEL:
UEL:
Extinguishing Media: Water, foam, dry chemical

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

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Section V - DRN

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Stability	Unstable		Conditions to Avoid:
	Stable	X	

Incompatibility (materials to avoid): Strong acids. Aqua ammonia reacts with bromine, chlorine, mercury, silver and bleach to form explosive compounds. Avoid use of metals containing copper or zinc.

Hazardous Decomposition or Byproducts: None

Hazardous Polymerization	May occur		Conditions to Avoid:
	Will not occur	X	

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Section VI - Health Hazard Data

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Route(s) of entry Inhalation? Yes Skin? No Ingestion? Yes

Health Hazards (Acute and Chronic): Eye contact - May irritate and / or cause corneal damage
Ingestion - may damage throat and / or respiratory tract. Inhalation - Irritating to nasal passage and respiratory tract.

Carcinogenicity: NTP? No (ARC Monographs)? No OSHA Regulated? No

Medical Conditions Generally Aggravated by Exposure: None recognized

Emergency and First Aid Procedures: Eyes and skin - flush with water. If irritation occurs, see physician. Ingestion - get immediate medical attention. Do NOT induce vomiting.

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Section VII - Precautions for Safe Handling and Use

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Steps to Be Taken in Case Material is Released or Spilled: Flush spill with water. Pick up with inert material.

Waste Disposal Method: According to Federal, State and local authorities only.
Precautions For Storing and Handling: Keep from freezing.
Other Precautions: None

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Section VIII - Control Measures

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Respiratory Protection (Specify Type): If TLV is exceeded, approved MIOSH / NIOSH for ammonia must be used

Ventilation	Local Exhaust:	Special:
	Mechanical:	Other:

Protective Gloves: Impermeable
Eye Protection: Goggles if splashing may occur
Other Protective Clothing or Equipment: Eye wash should be accessible
Work Hygienic Practices: Wash thoroughly after handling.