MATERIAL SAFETY DATA SHEET

This form may be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. To be valid, all information required by § 1910.1200(g) of the Standard must appear on this form. Consult the Standard for specific requirements. Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

IDENTITY (As Used on Label and List)	SENTRY	AMMONIA		Market Market Street, South Street, South Street, South Street, Street
Section i				
PATTERSON LABORATORIES,	INC.	(313) 782-2234	& (313)	283-1192
11930 Pleasant Avenue		1(313) 843-4500		
Detroit, Michigan 48217	•	March 30, 1987	,	•
	•	Signature of Preparer (optional)		And the second s
Section II — Hazardous Ingredient	k/Identity Inf	ormation		
Hazardous Components (Specific Chemical Identity/	Common Name(s)	OSHA PEL ACGIH TLY	Other Limits Recommended	4 (optional)
Ammonia (AS NH3)		50 PPM*-25 PPM*	NIOSH	
(Ammonia Gas)			50 PPM*	
HOUSEHOLD AMMONIA-FINISI	HED PRODU	CT N/A N/A		· .
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4				' .
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			-	•
Section III — Physical/Chemical Ch	aracteristics	•		*
Bolling Paint Degrees F.	191-212	Specific Gravity (H ₂ O = 1)	·	0.9890
Vapor Presaure (mm Hg.)	N/A	Melting Point		N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acadate # 1)	•	1
Solubliky in Water Complete			•	
Clear, Cloudy white or	colored 1	iquid with disti	nct ammo	nia odor
Section IV — Fire and Explosion H	azard Data	P .		
Fizsh Point (Mathod Used) Non-flammab	le	Flammable Limits	16%	UEL 27%
Dry chemical, carbon di	oxide, wa	ter spray or foa	AS NH3	AS NH3
		•		
Social Fire Figure 2 Procedures II possible, move produ	ct from f	ire area. Cool f	irė-expo	sed
containers with water s	pray.			
Unusual Fire and Explosion Mazards . Negligible fire and exp	losion ha	zard, however, i	f ammoni	ais
evolved, it is flammabl		,		
				

Section V. Reactivity Data Continue Data Continue Continu	18 '90 09	9:18				Ρ.	.15
Consequence							• •
Proposed Name Pared (Active pared) Violent reactions may occur with incompatible materials, re- leasing irritating or toxic gases. Purposed Pared (Active pared) May Cook Toxic pared None Pared May Cook Toxic pared (ACUTE) - Based on the testing of this product in animals, it is both an eye and skin irritant (rabbit) and toxic by ingestion i (rat). (CHRONIC)-Not determined on this product. Corrected No. Not determined for finished product or annonia (NH3), the hazardous component, in the product. Pared Pared May Cook Toxic pared No. Pared May Cook Toxic pared No. Pared No. Pared No. Pared No. No. No. No. No. Pared No. Pared No. Pared No. Pared No. Pared No. No. No. No. No. No. No. No	Section V						
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Physical No. 1 Hashth Hazard Data Received of Entry Interest (Acture) - Based on the Testing of this product in animals, it is both an eye and skin irritant (rabbit) and toxic by ingestion (rat). (CHRONIC)-Not determined on this product. NA Not determined for finished product or ammonia (NH3), the hazardous component, in the product. Service of Strains (Acture) - Strains (Strains) - Strains (Strains							
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Section VI - Health Hazard Data Formally Likely Likely Unitikely Likely Likely Unitikely Likely Likely Unitikely Likely Likely Unitikely Likely	Hazardous	May Occur		Candidae to Avad		en e	Single Barbarana
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tivitis, swelling of eyelids, chemical burns, transient corneal	tivi	tis, swel	ling	of eyelids, chemica	1 burns,	transient c	orneal

Medical Conditions Generally Aggravated by Exposure

retinal atrophy.

None Known

EYES-Immediately flush eyes with running water for at least 15 minutes. Get prompt medical attention. SKIN-Rinse well with running water. If irritation persists, contact physician or local poison control center. INHALATION-Remove victim to fresh air. Provide

damage, repeated or prolonged exposure may cause cataracts and

symptomatic and supportive care. Contact physician or local poison control center. INGESTION-Immediately give large quantities of water or milk to dilute. Do not induce vomiting. Get prompt medical attention.

Section VII - Precautions for Safe Handling and Use

or face shield. SKIN PROTECTION-Avoid prolonged or repeated skin contact. Wear protective gloves. RESPIRATORY PROTECTION-Keep up-wind of spill. Avoid breathing vapors. 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.

Dilute with water and flush to sewer in accordance with Federal, State and Local Environmental regulations.

Do not mix with other household chemicals, such as bleach, auto-

matic toilet bowl cleaners, wall or tile cleaners.

Store in cool, ventilated area. Keep out of direct sunlight.

Avoid overheating, plastic bottle will bulge from ammonia vapor

pressure.

Other Precautions None

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NIUSH approved respirator or breathing apparatus with face shield.

Ventilation Local Exhaust XX Special N/A

We chanical (General) / A

Projective Gloves Wear protective gloves Wear safety goggles or face shield

Wear protective gloves

Out Protection Columns of Education or labcoats

Provide eye bath and emergency shower. Launder work clothing

when soiled.

THE INFORMATION CONTAINED HEREIN IS PROVIDED IN GOOD FAITH AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREOF, HOWEVER, PATTERSON LABORATORIES, INC. MAKES NO REPRESENTATION AS TO THE COMPREHENSIVENESS OR ACCURACY OF THE INFORMATION. IT IS EXPECTED THAT INDIVIDUALS RECEIVING THE INFORMATION WILL EXERCISE THEIR INDEPENDENT JUDGMENT IN DETERMINING THE APPROPRIATENESS FOR A PARTICULAR PURPOSE. ACCORDINGLY, PATTERSON LABORATORIES, INC. WILL NOT BE RESPONSIBLE FOR DAMAGES OF ANY KIND RESULTING FROM THE USE OF OR RELIANCE UPON SUCH INFORMATION. NO REPRESENTATIONS, OR WARRANTIES, EITHER EXPRESS OR IMPLIED OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR TO THE PRODUCT TO WHICH THE INFORMATION REFERS.