

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.	HMIS HAZARD RATING			
SAFETEC OF AMERICA	HEALTH	3	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	3	1 = SLIGHT	4 = EXTREME
	REACTIVITY	0	2 = MODERATE	
TRANSPORTATION INFORMATION				
PROPER SHIPPING NAME	Solids containing corrosive liquid, n.o.s. (Ammonia)			
HAZARD CLASS/PKG. GRP.	8 / III	REF.	173.154 (b) (c)	
IDENTIFICATION NUMBER	UN3244	LABEL	None Required	

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)	Page 1 of 2
Safetec Ammonia Inhalants	
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER (24 Hours)
Safetec of America, Inc.	(800) 255-3924
ADDRESS (NUMBER, STREET, P.O. BOX)	TELEPHONE NUMBER FOR INFORMATION
887 Kensington Ave.	(716) 895-1822
(CITY, STATE AND ZIP CODE)	DATE PREPARED
Buffalo, NY 14215	January 26, 2009
	SUPERSEDES
	April 04, 2007

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	OSHA PEL/STEL		ACGIH TLV/TWA/STEL	
			ACGIH	OSHA	NIOSH	
Ammonia	766-41-7		25 ppm(TLV/TWA) 35 ppm(TLV/STEL)	50 ppm(PEL/TWA)	300 ppm(IDLH)	
Ethanol	64-17-5		1000 ppm(TLV)	1000 ppm(PEL)	3300 ppm(LEL)	

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 3 - HEALTH HAZARD DATA

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	EMERGENCY AND FIRST AID PROCEDURES
INHALATION: Brief (minutes) inhalation will cause irritation of the upper respiratory tract, although constant inhalation may also cause headaches, dizziness, or breathing difficulty.	Remove victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.
SKIN: Contact with skin may cause mild skin irritation and burns.	Wash contaminated skin with large amounts of water; if irritation occurs and persists, seek medical attention. Wash contaminated clothing.
EYES: Contact to liquid or vapors will cause mild to extreme irritation; Severe exposure to the eyes may cause blindness.	Immediately flush eyes with clear running water for a minimum of 25 minutes while holding eyelids open; get medical attention.
INGESTION: Ingestion of this product will cause severe irritation, burning, and pain associated symptoms such as nausea, vomiting, diarrhea or death.	CONTACT A POISON CONTROL CENTER IMMEDIATELY. DO NOT induce vomiting. DO NOT give liquids if the victim is unconscious or drowsy. Otherwise, give LARGE AMOUNTS OF WATER. Seek immediate medical attention.

HEALTH HAZARDS (ACUTE AND CHRONIC): This product is not considered a health hazard.

CARCINOGENICITY NTP? No IARC MONOGRAPHS? No REGULATED? No
 No additional information

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through exposure.

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

Safetec Ammonia Inhalants

Page 2 of 2

Date: January 26, 2009

SECTION 4 - FIRE FIGHTING MEASURES**FLASH POINT (METHOD USED)**

78.1°F (closed cup)

FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)

LEL: Unknown UEL: Unknown

EXTINGUISHING MEDIAWater spray, dry chemicals, alcohol-type or all-purpose foam, CO₂**SPECIAL FIRE FIGHTING PROCEDURES**

Positive pressure NIOSH approved self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Concentrated vapors may be flammable

SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED**

Remove all sources of ignition. Avoid prolonged exposure to vapors. Spills should be collected, not washed into sewer or environment. Use suitable disposal DOT containers. Report per regulatory requirements. Wear NIOSH approved self-contained breathing apparatus, protective clothing, gloves and goggles.

WASTE DISPOSAL METHODS

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container(s) tightly closed when not in use. Avoid inhalation of vapors. Store in cool, dry, well ventilated area away from oxidizers, flame, ignition sources acids, Iodine and Chlorine products, and heat. Keep this and other chemicals out of reach of children.

SECTION 6 - EXPOSURE CONTROLS/PERSONAL PROTECTION**RESPIRATORY PROTECTION**

Ordinary, none required

VENTILATION

LOCAL EXHAUST: Recommended for individual packets, required for bulk material.

MECHANICAL (GENERAL): Recommended for individual packets, required for bulk material.

PROTECTIVE GLOVES

None required for individual packets, required for bulk material.

EYE PROTECTION

None required for individual packets, required for bulk material.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Eye wash stations should be nearby and ready for use.

WORK/HYGIENIC PRACTICES

Practice safe work habits. Use according to label instructions.

SECTION 7 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT**

N/A

SPECIFIC GRAVITY (WATER = 1)

0.91

VAPOR PRESSURE (mm Hg)

No data

MELTING POINT

Not applicable

VAPOR DENSITY (AIR = 1)

No data

pH

>12

SOLUBILITY IN WATER

Liquid is soluble

EVAPORATION RATE (IPA = 1)

N/A

APPEARANCE AND ODOR

Off-white, premoistened towelette; ammonia odor

% VOLATILES (BY VOLUME)

N/A

SECTION 8 - STABILITY AND REACTIVITY**STABILITY**

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID

Flame, sources of ignition, heat

INCOMPATIBILITIES (MATERIALS TO AVOID)

Oxidizers, acids, bleach, Iodine, metals, dimethyl sulfate, Iodine and Chlorine containing products.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Thermal decomposition may emit ammonia, carbon oxides, nitrogen oxides and hydrogen; other unidentified organic compounds

HAZARDOUS POLYMERIZATION MAY OCCUR:

WILL NOT OCCUR: XXX

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.