

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration
MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communications Standard.
29CFR 1910.1200. Standard must be consulted for specific requirements.

SECTION I

MANUFACTURER'S NAME/REPACKAGED BY: Safetec of America/Certified Safety Mfg., Inc.	TELEPHONE NO. (816) 483-9090
ADDRESS: 1400 Chestnut Avenue Kansas City, Missouri 64127	
IDENTITY (AS USED ON LABEL): Ammonia Inhalant	DATE PREPARED: 12/22/09
	DATE REVIEWED:

SECTION II – HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s)):				
	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
Ammonia	CAS# 7664-41-7	50ppm	25ppm	TLV/STEL 35ppm
Ethanol	CAS#64-17-5	1000ppm	1000ppm	Not Listed
THIS PRODUCT IS PRODUCED AS A HEALTH CARE ITEM "FOOD, DRUG OR COSMETIC, INTENDED FOR PERSONAL CONSUMPTION BY EMPLOYEES WHILE IN THE WORKPLACE" TO WHICH THE HAZARDOUS COMMUNICATIONS REQUIREMENTS OF; 29CFR1910.1200 (A) & (B) DO NOT APPLY, AS SPECIFICALLY STATED IN 29CFR 1910.1200 (B) (5) (V)				

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	N/A for mixtures	SPECIFIC GRAVITY (H₂O= 1):	0.91
VAPOR PRESSURE (mm Hg.):	Unknown	MELTING POINT:	Unknown
VAPOR DENSITY (AIR=1)	Unknown	EVAPORATION RATE (Butyl Acetate=1):	Unknown
SOLUBILITY IN WATER:	Very Soluble	% VOLATILES BY VOL.:	Unknown
pH	>12		
APPEARANCE AND ODOR: Off-white, premoistened towelette; ammonia odor .			

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used): 78.1°F (closed cup)	FLAMMABLE LIMITS: LEL: Unknown UEL: Unknown
EXTINGUISHING MEDIA: Water spray, dry chemicals, alcohol-type or all-purpose foam, CO ₂	
SPECIAL FIRE FIGHTING PROCEDURES: NOTE: Positive pressure NIOSH approved self-contained breathing apparatus.	
UNUSUAL FIRE AND EXPLOSION HAZARDS: Concentrated vapors may be flammable.	

SECTION V – REACTIVITY DATA

STABILITY:	STABLE	√	CONDITIONS TO AVOID: Flame, sources of ignition, heat
	UNSTABLE		
INCOMPATABILITY (Materials to avoid): Oxidizers, acids, bleach, iodine, metals, dimethyl sulfate, iodine 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		See Stability for Conditions to Avoid
	WILL NOT OCCUR	√	

SECTION VI – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:	INHALATION?: yes	SKIN?: yes	INGESTION?: yes	EYES?: yes
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HEALTH HAZARDS (<i>Acute and Chronic</i>): Prolonged breathing of vapors may cause coughing, shortness of breath, intoxication. Eye contact may cause moderate irritation. Material can affect mucous tissue and/or aggravate mucous membrane dysfunction. Ingestion may cause gastric distress. Excessive ingestion may lead to coma or death.
CARCINOGENICITY: Not identified as a carcinogen by the NTP Annual Report, IARC Monographs or by OSHA.
SIGNS AND SYMPTOMS OF OVEREXPOSURE: Inhalation: Brief (minutes) inhalation will cause irritation of the upper respiratory tract, although constant inhalation may also cause headaches, dizziness or breathing difficulty.
Eye Contact: Contact to liquid or vapors will cause mild to extreme irritation; Severe exposure to the eyes may cause blindness. Skin Contact: Contact with skin may cause mild skin irritation and burns. Ingestion: Ingestion of this product will cause severe irritation, burning, and pain associated symptoms such as nausea, vomiting, diarrhea or death.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye or respiratory disorders may become aggravated through exposure.
EMERGENCY AND FIRST AID PROCEDURES: Inhalation: Remove subject immediately to fresh air. Give artificial respiration if victim is not breathing. If breathing is difficult, give oxygen. Get immediate medical attention.
For Eye Contact: Immediately flush eyes with clear running water for a minimum of 25 minutes while holding eyelids open; get medical attention. Get immediate medical attention.
For Skin Contact: Wash contaminated skin with large amounts of water if irritation occurs and persists, seek medical attention. Wash contaminated clothing.
For Ingestion: 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.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: 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 METHOD: 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.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION:	LOCAL EXHAUST: <input checked="" type="checkbox"/>	SPECIAL: None
	MECHANICAL (<i>General</i>): Recommended	OTHER: None
PROTECTIVE GLOVE: N/A	EYE PROTECTION: Not required	
OTHER PROTECTIVE EQUIPMENT: Eye wash states should be nearby and ready for use.		

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: 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 the reach of children.

THIS INFORMATION AND RECOMMENDATIONS HEREIN ARE TAKEN FROM SOURCES BELIEVED TO BE ACCURATE AS OF THE DATE, HOWEVER CERTIFIED SAFETY MAKES NO WARRANTY WITH RESPECT TO THE ACCURACY OF THIS INFORMATION OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USE THEREOF.....