

SAFETY DATA SHEET

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|---|--|-------------------|-------------|-------------------|----------|--------------|---|------------|-------------|------------|---|--------------|--|
| 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 | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">HEALTH</td> <td style="width: 33%;">3</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 33%;">3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td>3</td> <td>1 = SLIGHT</td> <td>4 = EXTREME</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2 = MODERATE</td> <td></td> </tr> </table> | HEALTH | 3 | 0 = INSIGNIFICANT | 3 = HIGH | FLAMMABILITY | 3 | 1 = SLIGHT | 4 = EXTREME | REACTIVITY | 0 | 2 = MODERATE | |
| HEALTH | 3 | 0 = INSIGNIFICANT | 3 = HIGH | | | | | | | | | | |
| FLAMMABILITY | 3 | 1 = SLIGHT | 4 = EXTREME | | | | | | | | | | |
| REACTIVITY | 0 | 2 = MODERATE | | | | | | | | | | | |

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 | April 1, 2014 |
| Buffalo, NY 14215 | SUPERSEDES | August 13, 2013 |

SECTION 2 - HAZARDOUS IDENTIFICATION

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| ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE | |
| INHALATION: Brief (minutes) inhalation will cause irritation of the upper respiratory tract, although constant inhalation may also cause headaches, dizziness, or breathing difficulty. | |
| SKIN: Contact with skin may cause mild skin irritation and burns. | |
| EYES: Contact to liquid or vapors will cause mild to extreme irritation; Severe exposure to the eyes may cause blindness. | |
| INGESTION: Ingestion of this product will cause severe irritation, burning, and pain associated symptoms such as nausea, vomiting, diarrhea or death. | |
| HEALTH HAZARDS (ACUTE): | This product is not considered a health hazard. |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through exposure. | |

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

| 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) | 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 4 - FIRST AID MEASURES

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| EMERGENCY AND FIRST AID PROCEDURES | |
| INHALATION: Remove victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required. | |
| INGESTION: Wash contaminated skin with large amounts of water; if irritation occurs and persists, seek medical attention. Wash contaminated clothing. | |
| EYES: Immediately flush eyes with clear running water for a minimum of 25 minutes while holding eyelids open; get medical attention. | |
| SKIN: 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 5 - FIRE FIGHTING MEASURES

| | | |
|---|--|--------------|
| FLASH POINT (METHOD USED) | FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) | |
| 78.1°F (closed cup) | LEL: Unknown | UEL: Unknown |
| EXTINGUISHING MEDIA | | |
| Water spray, dry chemicals, alcohol-type or all-purpose foam, CO ₂ | | |
| SPECIAL FIRE FIGHTING PROCEDURES | | |
| Positive pressure NIOSH approved self-contained breathing apparatus. | | |
| UNUSUAL FIRE AND EXPLOSIVE HAZARDS | | |
| Concentrated vapors may be flammable | | |

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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| 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. |

SECTION 7 - HANDLING/STORAGE

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| Handling: Keep container(s) tightly closed when not in use. Avoid inhalation of vapors. Storage: 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. |
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SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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|---|---|---|
| RESPIRATORY PROTECTION | VENTILATION | LOCAL EXHAUST: Recommended for individual packets, required for bulk material. |
| Ordinary, none required | | MECHANICAL (GENERAL): Recommended for individual packets, required for bulk material. |
| PROTECTIVE GLOVES | EYE PROTECTION | |
| None required for individual packets, required for bulk material. | None required for individual packets, required for bulk material. | |
| OTHER PROTECTIVE CLOTHING OR EQUIPMENT | WORK/HYGIENIC PRACTICES | |
| Eye wash stations should be nearby and ready for use. | Practice safe work habits. Use according to label instructions. | |

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

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|---|------------------------------|
| BOILING POINT | SPECIFIC GRAVITY (WATER = 1) |
| N/A | 0.91 |
| VAPOR PRESSURE (mm Hg) | MELTING POINT |
| No data | Not applicable |
| VAPOR DENSITY (AIR = 1) | pH |
| No data | >12 |
| SOLUBILITY IN WATER | EVAPORATION RATE (IPA = 1) |
| Liquid is soluble | N/A |
| APPEARANCE AND ODOR | % VOLATILES (BY VOLUME) |
| Off-white, premoistened towelette; ammonia odor | N/A |

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

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Safetec® Ammonia Inhalants

Date: April 1, 2014

SECTION 10 - STABILITY AND REACTIVITY

| | | | |
|-----------|-----------|-----|----------------------------------|
| STABILITY | UNSTABLE: | | CONDITIONS TO AVOID |
| | STABLE: | XXX | Flame, sources of ignition, heat |

INCOMPATIBILITIES (MATERIALS TO AVOID)

Oxidizers, acids, bleach, Iodine, metals, dinethyl 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: | | CONDITIONS TO AVOID |
| | WILL NOT OCCUR: | XXX | None known |

SECTION 11 - TOXICOLOGICAL INFORMATION

Component analysis - LC50: N/A

Component analysis - LD50: N/A

Effects of acute exposure: Non-hazardous by WHMIS/OSHA criteria.

Sensitization: Non-hazardous by WHMIS/OSHA criteria.

Chronic Effects: Non-hazardous by WHMIS/OSHA criteria.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Mutagenity: Non-hazardous by WHMIS/OSHA criteria.

Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.

SECTION 12 - ECOLOGICAL INFORMATION

Component analysis - LC50: N/A

Component analysis - LD50: N/A

Ecotoxicity: N/A

Environmental Effects: N/A

Aquatic Toxicity: N/A

Persistence / degradability: N/A

Bioaccumulation / accumulation: N/A

Partition coefficient: N/A

Mobility in environmental media: N/A

Chemical fate information: N/A

Other adverse effects: N/A

SECTION 13 - DISPOSAL CONSIDERATIONS

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.

Waste from residues/unused product: N/A

Contaminated Packaging: N/A

SECTION 14 - 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 Special Provision: A46/47 |

SECTION 15 - REGULATORY INFORMATION

Canadian Federal Regulation: N/A

US Federal Regulation: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

Occupational Safety and Health Administration (OSHA)

29 CFR 1910.1200 hazardous chemical- Yes

CERCLA (Superfund) reportable quantity - N/A

Superfund Amendments and Reauthorization Act of 1986 (SARA) - N/A

Clean Air Act (CAA) - N/A

Clean Water Act (CWA) - N/A

Safe Drinking Water Act (SDWA) - N/A

Drug Enforcement Agency (DEA) - N/A

Food and Drug Administration (FDA) - N/A

WHMIS classification - N/A

State regulations - N/A

Inventory Name - N/A

SECTION 16 - OTHER INFORMATION

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.

Date Prepared: April 1, 2014