

MATERIAL 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%;">1</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 33%;">3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</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 | 1 | 0 = INSIGNIFICANT | 3 = HIGH | FLAMMABILITY | 0 | 1 = SLIGHT | 4 = EXTREME | REACTIVITY | 0 | 2 = MODERATE | |
| HEALTH | 1 | 0 = INSIGNIFICANT | 3 = HIGH | | | | | | | | | | |
| FLAMMABILITY | 0 | 1 = SLIGHT | 4 = EXTREME | | | | | | | | | | |
| REACTIVITY | 0 | 2 = MODERATE | | | | | | | | | | | |
| TRANSPORTATION INFORMATION | | | | | | | | | | | | | |
| PROPER SHIPPING NAME: Not Regulated HAZARD CLASS / PKG. GRP.: None / None IDENTIFICATION NUMBER: None | REF. LABEL: Not Applicable / None Required | | | | | | | | | | | | |

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

| | |
|--|---|
| IDENTITY (AS USED ON LABEL AND LIST) SaniZide Plus™ Germicidal Solution | Page 1 of 2 |
| MANUFACTURER'S NAME Safetec of America, Inc. | EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924 |
| ADDRESS (NUMBER, STREET, P.O. BOX) 887 Kensington Avenue @ William L. Gaiter Pkwy. (CITY, STATE AND ZIP CODE) Buffalo, NY 14215 | TELEPHONE NUMBER FOR INFORMATION (716) 895-1822 |
| | DATE PREPARED: September 1, 2004 SUPERSEDES: March 6, 2002 |

SECTION 2 - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)) | CAS # | % (wt.) (OPTIONAL) | ACGIH TLV/TWA/STEL | |
|--|------------|-----------------------|--------------------|-------------------|
| | | | PPM | MG/M ³ |
| Alkyl-dimethyl-benzyl-ammonium chloride | 68391-01-5 | 0.105 | None Established | None Established |
| Alkyl-dimethyl-ethyl benzyl-ammonium chloride | 68956-79-6 | 0.105 | None Established | None Established |

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 not cause adverse effects, although, constant inhalation may cause irritation to upper respiratory tract. | Remove to fresh air; provide oxygen if breathing is difficult; seek medical attention if required. |
| EYES: Brief contact to liquid or vapors may cause moderate irritation; prolonged contact may cause severe irritation associated with burning and redness. | Flush eyes with clear running water for a minimum of 25 minutes while holding eyelids open; if irritation persists, seek medical attention. |
| INGESTION: Ingestion of this product may cause gastrointestinal irritation, nausea, vomiting and diarrhea. | DO NOT induce vomiting; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician. |
| SKIN: Prolonged contact with skin may cause skin irritation. | Wash contaminated skin with mild soap and water; if irritation occurs and persists, seek medical attention. |

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute effects are possible irritation and discomfort; no known chronic effects have been established.

| | | | | | | |
|---------------------------|------|----|------------------|----|-----------------|----|
| CARCINOGENICITY | NTP? | No | IARC MONOGRAPHS? | No | OSHA REGULATED? | No |
| No additional information | | | | | | |

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin disorders may become aggravated through prolonged exposure.

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IDENTITY (AS USED ON LABEL AND LIST)

SaniZide Plus™ Germicidal Solution

Page 2 of 2

Date: September 1, 2004

SECTION 4 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)

200°F (SETA)

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

LEL: Not Applicable

UEL: Not Applicable

EXTINGUISHING MEDIA

Carbon dioxide (CO₂), water, dry chemicals, synthetic foam. Type BC or ABC extinguishers.

SPECIAL FIRE FIGHTING PROCEDURES

Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool fire-exposed containers and structures.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS

Vapors can be heavier than air. Strong acids and bases react with aluminum to form hydrogen which is explosive if ignited.

SECTION 5 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

Provide adequate ventilation. Spills should be collected with approved inert absorbent for disposal. Use suitable disposal containers. Material collected with absorbent may be disposed of in a permitted landfill. Report per regulatory requirements.

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. Store in cool, dry, ventilated area away from possible sources of ignition. The recommended storage temperature is between 50 and 120°F. Keep this and other chemicals out of reach of children.

SECTION 6 - EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION

Ordinarily, none required

VENTILATION

LOCAL EXHAUST: Recommended

MECHANICAL (GENERAL): Not required

PROTECTIVE GLOVES

Use impervious gloves to prevent prolonged contact.

EYE PROTECTION

Safety glasses recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Ordinarily, none required

WORK / HYGIENIC PRACTICES

Practice safe work habits. Use according to label instructions.

SECTION 7 - PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT

200°F

SPECIFIC GRAVITY (WATER=1)

1.01

VAPOR PRESSURE (mm Hg)

Not determined

MELTING POINT

- 1.1 °C

VAPOR DENSITY (AIR=1)

>1

PH

11 - 12

SOLUBILITY IN WATER

Complete

EVAPORATION RATE (n-BUTYL ACETATE=1)

Slower than ethyl ether

APPEARANCE AND ODOR

Clear liquid

RVOC, U.S. EPA (%)

0

SECTION 8 - STABILITY AND REACTIVITY

STABILITY

UNSTABLE:

STABLE: XXX

CONDITIONS TO AVOID

Extreme temperatures

INCOMPATIBILITIES (MATERIALS TO AVOID)

Strong oxidizers; anionic materials

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Decomposition will not occur if handled/stored properly. Thermal decomposition may emit nitrous oxides, ammoniacal vapors.

HAZARDOUS POLYMERIZATION

MAY OCCUR:

WILL NOT OCCUR: XXX

CONDITIONS TO AVOID

None known

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.