

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	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">HEALTH</td> <td style="width: 16.5%;">0</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 17.5%;">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	0	0 = INSIGNIFICANT	3 = HIGH	FLAMMABILITY	3	1 = SLIGHT	4 = EXTREME	REACTIVITY	0	2 = MODERATE	
HEALTH	0	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
p.a.w.s. Personal Antimicrobial Wipe		
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 - HAZARDS IDENTIFICATION

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: Brief (minutes) inhalation will not cause adverse effects, although, constant inhalation may cause irritation to upper respiratory tract.

EYES: Brief contact may cause mild irritation; prolonged contact may cause moderate irritation associated with redness.

INGESTION: Small amounts swallowed incidental to normal handling are not likely to cause injury. Swallowing larger amounts may cause injury.

HEALTH HAZARDS (ACUTE): Acute effects are possible irritation and discomfort.

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

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	ACGIH TLV/TWA/STEL	
			PPM	MG/M ³
Ethyl Alcohol	64-17-5	35-45	1000 (PEL)	1000 (TLV)
Chloroxylenol	88-04-0	0.44-0.56	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 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: Remove victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.

EYES: Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists seek medical attention.

INGESTION: DO NOT induce vomiting; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)	
97°F	LEL: 3.3	UEL: 19
EXTINGUISHING MEDIA		
Dry chemicals, alcohol-type or all-purpose foam, CO ₂		
SPECIAL FIRE FIGHTING PROCEDURES		
Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors; re-ignition is possible.		
UNUSUAL FIRE AND EXPLOSIVE HAZARDS		
Flammable material. Toxic gases (such as carbon monoxide and formaldehyde) may be released in a fire. Concentrated vapors may be flammable.		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED

Remove all sources of ignition. Small spills may be flushed with large amounts of water; larger spills should be collected for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep container(s) tightly closed when not in use. Avoid inhalation of high concentration of vapors. Storage: Store in cool, dry area away from possible sources of ignition. Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION	VENTILATION	LOCAL EXHAUST: Required
Ordinarily, none required		MECHANICAL (GENERAL): Yes
PROTECTIVE GLOVES	EYE PROTECTION	
Ordinarily, none required	Ordinarily, none required	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT	WORK/HYGIENIC PRACTICES	
Ordinarily, none required	Ordinarily, none required	

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT	SPECIFIC GRAVITY (WATER = 1)
174.6°F	0.936
VAPOR PRESSURE (mm Hg)	MELTING POINT
No data	Not applicable
VAPOR DENSITY (AIR = 1)	PH
1.59 (ALC.)	3.8-6.4
SOLUBILITY IN WATER	EVAPORATION RATE (IPA = 1)
Slight	1.7 (ALC.)
APPEARANCE AND ODOR	% VOLATILES (BY VOLUME)
Clear Liquid	68.75

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

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p.a.w.s. Personal Antimicrobial Wipe

Date: April 1, 2014

SECTION 10 - STABILITY AND REACTIVITY

STABILITY	UNSTABLE:		CONDITIONS TO AVOID
	STABLE:	XXX	Extreme temperatures; sources of ignition
INCOMPATIBILITIES (MATERIALS TO AVOID)			
Strong oxidizers; strong acids			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS			
Decomposition will not occur if handled/stored properly. Thermal decomposition may emit typical products of combustion.			
HAZARDOUS POLYMERIZATION	MAY OCCUR:		CONDITIONS TO AVOID
	WILL NOT OCCUR:	XXX	Heat

SECTION 11 - TOXICOLOGICAL INFORMATION

Component analysis - LC50: N/A
Component analysis - LD50: N/A
Effects of acute exposure: Possible irritation and discomfort
Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Chronic Effects: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: 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 flammable liquid, n.o.s. (Ethanol)		
HAZARD CLASS/PKG. GRP.	4.1/II	IATA (non-canister)	Special Provision A46
IDENTIFICATION NUMBER	UN3175	US DOT (non-canister)	Special Provision 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

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		
	HEALTH	1	0 = INSIGNIFICANT 3 = HIGH
SAFETEC OF AMERICA	FLAMMABILITY	0	1 = SLIGHT 4 = EXTREME
	REACTIVITY	0	2 = MODERATE

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 Ave.	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822	
(CITY, STATE AND ZIP CODE) Buffalo, NY 14215	DATE PREPARED SUPERSEDES	April 1, 2014 August 13, 2013

SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	
INHALATION: Brief (minutes) inhalation will not cause adverse effects, although, constant inhalation may cause irritation to upper respiratory tract.	
SKIN: Prolonged contact with skin may cause skin irritation.	
EYES: Brief contact to liquid or vapors may cause moderate irritation; prolonged contact may cause severe irritation associated with burning and redness.	
INGESTION: Ingestion of product may cause gastrointestinal irritation, nausea, vomiting and diarrhea.	
HEALTH HAZARDS (ACUTE):	Acute effects are possible irritation and discomfort.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.	

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

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	0.14	None Established	None Established
Alkyl-dimethyl-ethyl-benzyl-ammonium chloride	68956-79-6	0.14	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 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES	
INHALATION: Remove victim to fresh air; provide oxygen if breathing is difficult; seek medical attention if required.	
SKIN: Wash contaminated skin with mild soap and water; if irritation develops and persists, seek medical attention.	
EYES: Flush eyes with clear running water for a minimum of 25 minutes while holding eyelids open; if irritation persists, seek medical attention.	
INGESTION: DO NOT induce vomiting; seek immediate medical attention. Vomiting may be induced only under the supervision of a physician.	

SECTION 5 - 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 (CO ₂), 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 6 - ACCIDENTAL RELEASE MEASURES

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.	

SECTION 7 - HANDLING AND STORAGE

Handling: Keep container(s) tightly closed when not in use. Avoid inhalation of high concentration of vapors. Storage: Store in cool, dry, well ventilated area away from possible sources of ignition sources. Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION Ordinary, 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 Ordinary, none required	WORK/HYGIENIC PRACTICES Practice safe work habits. Use according to label instructions.

SECTION 9 - 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 (1% solution in water) 11-12
SOLUBILITY IN WATER Complete	EVAPORATION RATE (n-butyl acetate = 1) Slower than ethyl ether
APPEARANCE AND ODOR Clear liquid	VOC, US EPA (%) 0

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

Page 2 of 2

Sanizide Plus® Germicidal Solution

Date: April 1, 2014

SECTION 10 - STABILITY AND REACTIVITY

STABILITY	UNSTABLE	XXX	CONDITIONS TO AVOID Extreme temperatures
	STABLE:		

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:	XXX	CONDITIONS TO AVOID None known
	WILL NOT OCCUR:		

SECTION 11 - TOXICOLOGICAL INFORMATION

Component analysis - LC50: N/A

Component analysis - LD50: N/A

Effects of acute exposure: Possible irritation and discomfort.

Sensitization: Non-hazardous by WHMIS/OSHA criteria.

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

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Mutagenicity: 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	Not regulated		
HAZARD CLASS/PKG. GRP.	None/None	REF.	Not Applicable
IDENTIFICATION NUMBER	None	LABEL	None Required

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

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												
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FLAMMABILITY	1	1 = SLIGHT	4 = EXTREME										
REACTIVITY	0	2 = MODERATE											

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST)		Page 1 of 2
RED 2[®]		
MANUFACTURER'S NAME Safetec of America, Inc.	EMERGENCY TELEPHONE NUMBER (24 Hours) (800) 255-3924	
ADDRESS (NUMBER, STREET, P.O. BOX) 887 Kensington Ave.	TELEPHONE NUMBER FOR INFORMATION (716) 895-1822	
(CITY, STATE AND ZIP CODE) Buffalo, NY 14215	DATE PREPARED SUPERSEDES	April 2, 2014 August 13, 2013

SECTION 2 - HAZARDS IDENTIFICATION

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	
INHALATION: Breathing of dust may cause throat and upper respiratory tract irritation.	
EYES: May cause moderate irritation associated with redness and burning sensation.	
INGESTION: Ingested material may cause burning of mouth, throat and esophagus, abdominal distress and moderate irritation.	
SKIN: Prolonged or repeated contact may cause skin irritation.	
HEALTH HAZARDS (ACUTE):	Acute effects are possible irritation and discomfort.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing skin or breathing disorders may become aggravated through prolonged exposure.	

SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	ACGIH TLV/TWA/STEL			
			PPM	MG/M ³	PPM	MG/M ³
Superabsorbent polymer, CAS proprietary	9003-04-7	>97	5 (PEL)		5 (TLV)	
Sodium dichloro-s-triazinetriene	2893-78-9		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 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES	
INHALATION: Remove to fresh air; seek medical attention if required.	
EYES: Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists, seek medical attention.	
INGESTION: Drink large amounts of water. DO NOT induce vomiting. Seek medical attention.	
SKIN: Flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.	

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) Not Applicable	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: N/A	UEL: N/A
EXTINGUISHING MEDIA Water, water spray, water fog		
SPECIAL FIRE FIGHTING PROCEDURES Use water spray to cool fire-exposed containers and structures. Wear NIOSH/MSHA approved self contained breathing apparatus.		
UNUSUAL FIRE AND EXPLOSIVE HAZARDS Spilled material swells and becomes extremely slippery when wet. Use standard safety precautions for finely divided powders. Thermal decomposition may emit chlorine containing substances.		

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED
In case of accidental spills, provide adequate ventilation; avoid generating dust. Vacuum (using HEPA filter equipped system) if possible to avoid generating airborne dust. Place spilled material into a clean, dry container for disposal. Do not close disposal containers containing wet or damp material; they should be left open to disperse any chlorine gas that may form.

SECTION 7 - HANDLING AND STORAGE

Handling: Keep container(s) tightly closed when not in use. Storage: Store in cool, dry area. Keep this and other chemicals out of reach of children.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION Use NIOSH/MSHA approved or equivalent with high efficiency filter for bulk quantities or for particulate levels above 0.05mg/m3. For retail or professional package quantities, respirator is not required	VENTILATION LOCAL EXHAUST: Recommended MECHANICAL (GENERAL): As appropriate
PROTECTIVE GLOVES Impervious rubber	EYE PROTECTION Safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Ordinarily, none required.	WORK/HYGIENIC PRACTICES Practice safe work habits. Use according to label instructions.

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT Not Applicable	SPECIFIC GRAVITY (WATER = 1) 43.7 - 51.8 lb./cu.ft.
VAPOR PRESSURE (mm Hg) Not Applicable	MELTING POINT >482°F (partial to full decomposition)
VAPOR DENSITY (AIR = 1) Not Applicable	pH No data
SOLUBILITY IN WATER Slight	EVAPORATION RATE (n-BUTYL ACETATE=1) Not applicable
APPEARANCE AND ODOR Off-white, granular powder; slight chlorine odor	% VOLATILES (BY WEIGHT) Not applicable

MATERIAL SAFETY DATA SHEET

IDENTITY (AS USED ON LABEL AND LIST)

Page 2 of 2

RED Z®

Date: April 2, 2014

SECTION 10 - STABILITY AND REACTIVITY

STABILITY	UNSTABLE:		CONDITIONS TO AVOID
	STABLE:	XXX	High humidity, extreme temperatures

INCOMPATIBILITIES (MATERIALS TO AVOID)

Strong reducing agents

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

Decomposition will not occur if handled/stored properly. Thermal decomposition may emit toxic substances.

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: Possible irritation and discomfort

Sensitization: Non-hazardous by WHMIS/OSHA criteria.

Chronic Effects: chronic exposure to large amounts of this material has not been characterized and the irritating properties of the material make such an exposure highly unlikely.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Mutagenicity: 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	Not Regulated		
HAZARD CLASS/PKG. GRP.	None/None	REF.	N/A
IDENTIFICATION NUMBER	None	LABEL	None Required

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 2, 2014

Federal Standard No. 313 Addendum

- Solicitation Number: RFP-797-FSS-99-0025-R10
- Contractor Name: McKesson Medical-Surgical Government Solutions LLC
- Contractor Cage Code: 1EU19
- Manufacturer: McKesson Medical-Surgical Inc.
- Manufacturer Cage Code: 7K139
- Special Item Number: A-91