



Coversheet: Safety Data Sheet

Trade Name(s): HAZWIK Quick Response Kit - Bodily Fluid

Brady SPC Model Number(s): SKHAZ-QRK-BF



ARTICLE DATA SHEET

Polypropylene Absorbents

Revision Date: 12/11/2020

SECTION 1: COMPANY AND PRODUCT IDENTIFICATION

- (a) **Product Identifier:** Polypropylene Absorbents
- (b) **Other Means of Identification:** Spill Kits
- (c) **Recommended Use:** Absorbent
- (d) **Manufacturer:** Brady SPC ▪ 7201 National Turnpike ▪ Louisville, KY 40214 ▪ 502-380-4061
 SPC International BVBA ▪ Atealaan 71, B2200 ▪ Herentals, Belgium ▪ 3214 32 18 55

SECTION 2: HAZARDS IDENTIFICATION

Hazard Classification	(a) Hazard Category	(b) Hazard Symbols	(b) Signal Word	(b) Hazard Statement	(b) Precautionary Statement
Human Health Hazards					
Acute Toxicity (Oral)	N/C	-	-	-	-
Acute Toxicity (Dermal)	N/C	-	-	-	-
Acute Toxicity (Inhalation)	N/C	-	-	-	-
Skin Corrosion/Irritation	N/C				
Eye Damage/Irritation	N/C				
Respiratory Sensitization	N/C	-	-	-	-
Skin Sensitization	N/C	-	-	-	-
Germ Cell Mutagenicity	N/C	-	-	-	-
Carcinogenicity	N/C	-	-	-	-
Reproductive Toxicity	N/C	-	-	-	-
Specific Target Organ Toxicity Single-Exposure	N/C	-	-	-	-
Specific Target Organ Toxicity Repeated or Prolonged Exposure	N/C	-	-	-	-
Aspiration Hazard	N/C	-	-	-	-

(c) **Hazards not otherwise classified:** None identified.

(d) **Unknown acute toxicity:** <1% of this mixture consists of ingredients of unknown dermal and inhalational toxicity.

Medical conditions which are generally recognized as being aggravated by exposure:

This product is not dangerous in its unused form and contains no hazardous ingredients. There are no risks to general population.



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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

(a) Chemical name (b) (Common name and synonyms)	(c) Chemical Abstract System (CAS) No.	(b) % Weight
POLYPROPYLENE	9003-07-0 25085-53-4	99%
PROPRIETARY SURFACTANT	Proprietary	<1.0%

SECTION 4: FIRST AID MEASURES

INHALATION:	Not Applicable
INGESTION:	Not Applicable
SKIN CONTACT:	Not Applicable; Product is inert. If product is melted, use gloves. For hot melted product, immerse or flush affected area with water to dissipate heat and obtain medical attention.
EYE CONTACT:	Not Applicable

(a) Description of necessary measures:

(b) Most important symptoms/effects:

Acute: None

Delayed: None

(c) Indication of immediate medical attention and special treatment: Not Applicable

Notes to physician: Not Applicable

General advice: Not Applicable.

SECTION 5: FIRE FIGHTING MEASURES

(a) Suitable extinguishing media: Water spray

Unsuitable extinguishing media: None identified.

(b) Specific hazards arising from the chemical: None identified.

(c) Special protective equipment and precautions for fire-fighters: Be cautious of hot melted polypropylene. Isolate product from fire. Respiratory and eye protection required for firefighting personnel.

(d) Flammability/Explosivity: Flash point: > 600 °F; 315 °C (estimated)
LFL/LEL: Not established



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UFL/UEL: Note established

(e) Hazardous Decomposition Products: Oxygen-lean conditions may generate carbon monoxide and irritating smoke.

SECTION 6: ACCIDENTAL RELEASE MEASURES

(a) Clean-Up Procedures (Land): Recover material and place in suitable container for reuse or for disposal in conformance with local regulations.

(b) Clean-Up Procedures (Water): Recover material and place in suitable container for reuse or for disposal in conformance with local regulations.

SECTION 7: HANDLING AND STORAGE

(a) Precautions for safe handling: No precautions noted – see local regulation is needed.

(b) Conditions for safe storage, including any incompatibilities: Keep products in ambient conditions away from direct sunlight and at atmospheric pressures. Direct sunlight will degrade the polypropylene after a period of 9 months.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None

Exposure Controls
Occupational Exposure Controls
Respiratory Protection – Not Applicable
Hand Protection – Not Applicable
Eye Protection – Not Applicable
Skin Protection – Not Applicable
Environmental Exposure Controls
No data available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

(a) Appearance:	Solid pads, rolls, pillows, booms, drum top covers, particulate
(b) Odor:	Mild Hydrocarbon
(c) Odor Threshold:	Not Applicable
(d) pH:	Not Applicable
(e) Melting point/Freezing point:	320 °F; 160 °C
(f) Boiling point/range:	Not Applicable



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(g) Flash Point:	>600 °F; 315 °C (estimated)
(h) Evaporation rate:	Not Applicable
(i) Flammability:	Not Applicable
(j) UFL/LFL or UEL/LEL:	Not Applicable
(k) Vapor pressure:	Not Applicable
(l) Vapor density:	Not Applicable
(m) Relative density:	0.04-0.06 gram/cc
(n) Solubility:	Not Applicable
Fat Solubility	
Other Solubilities	
(o) Partition coefficient:	Not Applicable
(p) Auto-ignition temperature:	>600 °F; 315 °C (estimated)
(q) Decomposition temperature:	Not Applicable
(r) Viscosity:	Not Applicable
(s) Specific Gravity:	Not Applicable

SECTION 10: STABILITY AND REACTIVITY

(a) Reactivity: No data available

(b) Chemical stability: Material is stable under normal conditions.

(c) Possibility of hazardous reactions: Hazardous polymerization will not occur.

(d) Conditions to avoid (e.g., static discharge, shock, or vibration): Higher temperatures and direct sunlight.
Temperatures over 480 °F may cause degradation

(e) Incompatible materials: No data available

(f) Hazardous decomposition products: Under fire and oxygen-lean conditions may release carbon monoxide and irritating smoke

(g) Hazardous Polymerization: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

(a) Information on likely routes of exposure:

Inhalation: Product is inert – no exposure

Accidental Ingestion: Product is inert – no exposure

Skin contact: Product is inert – no exposure



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Eye contact: Product is inert – no exposure

(b) Symptoms related to physical, chemical and toxicological characteristics: None

(c) Delayed and immediate effects and also chronic effects from short- and long-term exposure: None

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Data not available.

ENVIRONMENTAL FATE: Data not available.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose waste in accordance with the federal, state, and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

This Product is not regulated.

SECTION 15: REGULATORY INFORMATION

This product is an "Article" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Per OSHA and GHS standards, SDS's are not required for "Articles".

CERCLA/SARA-Section 302: No hazardous substances.

CERCLA/SARA-Section 311/312 (Title III Hazard Categories)

Acute Health	No
Chronic Health	No
Fire Hazard	No
Pressure Hazard	No
Reactive Hazard	No

US EPCRA (SARA Title III) Section 313: No information available

CERCLA (Superfund) reportable quantity (lbs.): No information available

California Proposition 65: This product is not subject to the reporting requirements under California Proposition 65.

National Chemical Inventories:

All components are either listed on the US TSCA Inventory, or are not regulated under TSCA.

All components are either on the DSL, or are exempt from DSL listing requirements.



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SECTION 16: OTHER INFORMATION

This Safety Data Sheet (SDS) is authored pursuant to OSHA Hazard Communication standard 29 CFR 1910.1200.

REVISED DATE: 12/11/2020

COMMON TERMS AND ACRONYMS:

CERCLA:	Comprehensive Environmental Response, Compensation, and Liability Act
DSL:	Domestic Substance List
HMIS:	Hazardous Materials Identification System
LEL:	Lower Explosive Limit
N/C:	Not Classified
OSHA:	Occupational Safety and Health Administration
SARA:	Superfund Amendments and Reauthorization Act
TSCA:	Toxic Substances Control Act
UEL:	Upper Explosive Limit

Disclaimer:

The above information is based on data of which Brady SPC is aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the result of its use. This information furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his own particular purpose and use.

SDS reviewed and approved by:

Matthew Hughes

Regional EHS Manager - Americas

This Safety Data Sheet (SDS) complies with the requirements of the U.S. Federal Occupational Safety and Health Administration Hazard Communication Standard (29 CFR 1910.1200, as updated in 2012), the American National Standards Institute (Z400.1, 1998), and equivalent state Standards. It has also been developed in accordance with the Canadian Workplace Hazardous Materials Standard and the United Nations Globally Harmonized System of Classification of Chemicals, as well as European Union requirements under REACH (Registration, Evaluation, Authorization and Restriction of Chemical substances, per EC 1907/2006) and Directive 91/155/EC. Refer to Section 16 of this document for the definition of terms and abbreviations.

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 PRODUCT IDENTIFIER

- **Product Name** SpillFix Industrial Organic Absorbent
- **Chemical Name/Class** Coir Pith Fiber

1.2 RELEVANT IDENTIFIED USES OF THE MIXTURE OR USES ADVISED AGAINST

- **Identified Use** Industrial liquid spill absorbent
- **Uses Advised Against** None specified

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

- **(Manufacturer) / Supplier** (Galuku International) / American Green Ventures (US) Inc.
- **Address** 180 Towerview Court Cary, North Carolina 27513
- **Business Phone** (919) 744-7429

1.4 OTHER PERTINENT INFORMATION

- This product is sold for use as an industrial liquid/hazardous materials absorbent. This document has been developed to specifically address safety concerns affecting handling situations specific to the product alone (e.g., those associated with warehouses and other distribution workplaces). When used as an absorbent, the safety data sheets and other references for the spilled material should be reviewed as part of standard release clean-up plans.

2: HAZARDS IDENTIFICATION

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

REGULATION	CLASSIFICATION
OSHA Hazard Communication (GHS)	Not applicable
Reach/CLP (GHS)	Not applicable
EU Directives 67/548/EEC; 1999/45/EC	Not applicable

2.2 LABEL ELEMENTS

- OSHA/CLP – Based on Globally Harmonized System

Symbol	Not applicable
Signal Word	Not applicable
Hazard Statement	Not applicable
Precautionary Statements	Not applicable
- EC Directive Symbols, Risk and Safety Phrases

Symbol	Not applicable
Risk Phrases	Not applicable
Safety Phrases	Not applicable

2: HAZARDS IDENTIFICATION (cont.)

2.3 OTHER PERTINENT DATA ON CHEMICAL AND PHYSICAL HAZARDS:

- EMERGENCY OVERVIEW

Physical Description	This is a brown organic substance. It is odorless.
Health Hazards	No significant health hazards are anticipated under typical circumstances of use or release response.
Fire Hazards	This product does not present a significant fire hazard.
Physical Hazards	Negligible under typical circumstances of use or reasonably anticipated emergency response situations.
Environmental Hazards	This product is not anticipated to cause adverse environmental effects.

- HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

Health	0	HMIS PERSONAL PROTECTIVE EQUIPMENT RATING
Flammability	0	Occupational use situations: Select the personal protective equipment appropriate to the volume of liquid released, location of the spill, and nature of the substance to be cleaned-up.
Physical Hazard	0	
Protective Equipment	NA	

- CANADIAN REGULATORY STATUS: This product is not classified as hazardous under Canadian Controlled Products regulations (SOR-88-66).
- CANADIAN WHMIS SYMBOLS: Not applicable

3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 SUBSTANCES

• COMPONENT	Coir Pith Fiber
• CAS NUMBER	Not Established
• EINECS # EC	Not Established
• Class/Risk Phrases	Not Established
• % (w/w)	90-95%

3.2 MIXTURES

• COMPONENT	Water
• CAS NUMBER	7732-18-5
• EINECS # EC	231-791-2
• Class/Risk Phrases	Not Established
• % (w/w)	Balance

4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

- EYES Flush with copious amounts of water for 15 minutes. "Roll" eyes during flush. Seek medical attention if irritation persists. Skin: Flush area with warm, running water. Inhalation: Obtain fresh air.
- INGESTION Contact a Poison Control Center or physician for instructions.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS/ACUTE AND DELAYED

- ACUTE The main hazard associated with this product in an occupational setting would be mechanical irritation of the eye, or slight irritation upon contact with the particulates. Inhalation of particulates can be irritating to the nose, throat, and other tissues of the respiratory system. Symptoms of exposure are generally alleviated when overexposure ends.
- CHRONIC No long-term effects related to chronic exposures are anticipated from occupational use situations involving this product.
- TARGET ORGANS Acute: Eyes, skin (mechanical irritation). Chronic: Not applicable

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- RECOMMENDATIONS TO PHYSICIANS Treat symptoms and eliminate overexposure.
- MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE No known medical conditions are anticipated to be aggravated by occupational exposure to this product.

5: FIREFIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

- RECOMMENDED FIRE EXTINGUISHING MEDIA Water Spray, Water Jet, Dry Powder, Foam, Carbon Dioxide, Halon, or any other.
- UNSUITABLE FIRE EXTINGUISHING MEDIA None known

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

- NFPA FLAMMABILITY CLASSIFICATION Not flammable
- UNUSUAL HAZARDS IN FIRE SITUATIONS When involved in a fire, this material may produce irritating vapors and toxic gases (e.g., carbon monoxide, carbon dioxide).
- EXPLOSION SENSITIVITY TO MECHANICAL IMPACT Not sensitive
- EXPLOSION SENSITIVITY TO STATIC DISCHARGE Not sensitive

5.3 ADVICE FOR FIREFIGHTERS

- No special hazards or requirements; use methods appropriate to type of fire and size of blaze.

6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

- **NOTE** This material is for use as a spill absorbent material. The following section refers only to accidental spills of this product alone. If SpillFix is being used as a universal absorbent, then the safety data sheet and other references pertinent to the released substances must be reviewed.
- **RESPONSE TO INCIDENTAL RELEASES** Personnel who have received basic chemical safety training can generally handle small-scale releases. Wear gloves and safety glasses when cleaning-up spills.
- **RESPONSE TO NON-INCIDENTAL RELEASES** Generally, releases of this product will be no larger than the loss of one bale (therefore under 300L in volume). Subsequently, personnel can follow the instructions for incidental releases. As needed, respond to non-incident chemical releases of this product (such as the simultaneous destruction of several pallets of this product) by clearing the impacted area and contacting appropriate emergency personnel.
- **RESPONSE PROCEDURES FOR ANY RELEASE** Carefully sweep up spilled material. Minimize the generation of dusts and particulates.
- **NOTE** This product effectively absorbs the following types of materials: Fuels, Oils, Transmission Fluid, Antifreeze, Solvents, Water-Based Chemicals, Pesticides, Herbicides, Mild Corrosives.

6.2 ENVIRONMENTAL PRECAUTIONS

- NOT APPLICABLE

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

- **SPILL RESPONSE EQUIPMENT** Broom/dust pan and/or shovel.

6.4 REFERENCES TO OTHER SECTIONS

- **SECTION 8** For exposure levels and detailed personal protective equipment recommendations.
- **SECTION 13** For waste handling guidelines.

6.5 USING PRODUCT AS UNIVERSAL LIQUID ABSORBENT

- These steps should be followed when using this product as a liquid absorbent:
 1. Identify and isolate spill. Always follow workplace procedures for cleanup and disposal.
 2. Apply SpillFix to perimeter of spill to stop from spreading.
 3. Continue to apply SpillFix to center until spill is completely covered and no free liquid is visible.
 4. Sweep with a stiff broom working over spill area to remove all surface oil. Dispose of in accordance of local and state regulations.

7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

- **HYGIENE PRACTICES** Keep out of reach of children. Follow good chemical hygiene practices. Do not smoke, drink, eat, or apply cosmetics while using the product for spill clean-up. Avoid inhalation of dusts or particulates. Avoid contact with skin or eyes. Remove contaminated clothing promptly. Clean up spilled product immediately.
- **HANDLING RECOMMENDATIONS** Employees must be appropriately trained to use this product safely as needed.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

- **STORAGE RECOMMENDATIONS** Ensure all containers are correctly labeled. Store this product away from incompatible chemicals (See Section 10, Stability and Reactivity).

7.3 SPECIFIC END USES

- **RECOMMENDATIONS** Per general safety practices, place product away from children and animals.
- **INDUSTRIAL-SECTOR SPECIFIC SOLUTIONS** Protective Practices During Maintenance Of Contaminated Equipment - Follow practices indicated in Section 6 (Accidental Release Measures).

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

- **U.S. NATIONAL EXPOSURE LIMITS**

COMPONENT	ACGIH TLV	OSHA PEL (ppm)	NIOSH REL (ppm)	OTHER
Coir Pith Fiber	NE	NE	NE	NE
Water	NE	NE	NE	NE

- **INTERNATIONAL EXPOSURE LIMITS**

COMPONENT	Federal Republic of Germany (DFG) Maximum Concentration Values in the Workplace (MAKs)	OTHER
Coir Pith Fiber	NE	NE
Water	NE	NE

- **BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS** Not established
- **DERIVED NO EFFECT LEVEL (DNEL)** Not established
- **PREDICTED NO EFFECT CONCENTRATION (PNEC)** Not established

8: EXPOSURE CONTROLS/PERSONAL PROTECTION (cont.)

8.2 EXPOSURE CONTROLS

AS NECESSARY, REFER TO REFERENCE MATERIALS OF SPILLED SUBSTANCE.
OTHERWISE, USE THE FOLLOWING GUIDELINES:

- **ENGINEERING CONTROLS** Use this product in well-ventilated environment. Safety showers, eye wash stations, and hand-washing equipment should be available, based on the chemical inventory specific to the facility.
- **RESPIRATORY PROTECTION** None needed under routine circumstances of use or handling. A dust mask can be considered if inhalation of significant amounts of dusts/particulates could occur.
- **HAND PROTECTION** Nitrile, latex, or neoprene gloves should be used.
- **EYE PROTECTION** Splash goggles or safety glasses with side shield are recommended if contact with dusts/particulates from this product may occur.
- **BODY PROTECTION** Protection appropriate for work situation (e.g., lab coat).

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

a) APPEARANCE	Brown solid	k) VAPOR PRESSURE (mmHg @ 20°C):	Not applicable
b) ODOR	None	l) VAPOR DENSITY	Not applicable
c) ODOR THRESHOLD	Not determined	m) RELATIVE DENSITY (water=1)	Not determined
d) pH	Not applicable	n) SOLUBILITY	Insoluble in water
e) MELTING POINT/ FREEZING POINT	Not applicable	o) PARTITION COEFFICIENT: NOCTANOL/ WATER	Not determined
f) INITIAL BOILING POINT AND BOILING RANGE	Not applicable	p) AUTO-IGNITION TEMPERATURE	Not applicable
g) FLASH POINT	Not applicable	q) DECOMPOSITION TEMPERATURE	Not determined
h) EVAPORATION RATE (water=1)	Not applicable	r) VISCOSITY	Not applicable
i) FLAMMABILITY	Not flammable	s) EXPLOSIVE PROPERTIES	Not applicable
j) UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not applicable	t) OXIDIZING PROPERTIES	Not an oxidizer

9.2 OTHER INFORMATION

- VOC (less water & exempt) Not applicable.
- WEIGHT% VOC Not applicable.

10: STABILITY AND REACTIVITY

10.1 REACTIVITY

- Not reactive under typical conditions of use or handling.

10.2 CHEMICAL STABILITY

- Normally stable under standard temperatures and pressures.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

- This product is not self-reactive, water-reactive, or air-reactive.
- This product will not undergo hazardous polymerization.

10.4 CONDITIONS TO AVOID

- Avoid contact with incompatible chemicals.

10.5 INCOMPATIBLE MATERIALS

- This product is not compatible with strong oxidizers, strong reducing agents, strong acids, strong bases, and water-reactive materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

- Products of thermal decomposition of this product can include carbon monoxide, carbon dioxide, and nitrogen oxides.

11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

• ACUTE TOXICITY

TOXICOLOGY DATA: There are no specific toxicity data available for components of this product. This product is non-toxic by all routes of entry.

DEGREE OF IRRITATION: Potentially mild mechanical irritation.
SENSITIZATION: Not reported to have skin or respiratory sensitization effects.

REVIEW OF ACUTE SYMPTOMS AND EFFECTS: See Section 2 (Hazards Information) and Section 4 (First-Aid Measures) for details.

EYES: Contact with product may cause mild mechanical eye irritation.

SKIN: Contact with product may cause mild mechanical skin irritation.

INHALATION: Contact with dusts may cause mild mechanical irritation of the mucous membranes of the nose, throat, and mouth.

INGESTION: Ingestion may cause a variety of health effects, as described in Section 4 (First-Aid Measures).

• CHRONIC TOXICITY

CARCINOGENICITY STATUS: The following table summarizes the carcinogenicity listing for the components of this product. "NO" indicates that the substance is not considered to be, or suspected to be, a carcinogen by the listed agency.

CHEMICAL	IARC	NTP	NIOSH	OSHA	OTHER
Coir Pith Fiber	NO	NO	NO	NO	NO

REPRODUCTIVE TOXICITY INFORMATION: This product is not anticipated to cause adverse reproductive effects under typical circumstances of exposure under routine work situations.

11: TOXICOLOGICAL INFORMATION (cont.)

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS (CHRONIC TOXICITY) *continued*

MUTAGENIC EFFECTS	The components of this product are not reported to cause mutagenic effects under typical circumstances of occupational exposure.
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SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)	Not applicable
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SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)	Not applicable
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• **OTHER INFORMATION**

TOXICOLOGICALLY SYNERGISTIC PRODUCTS	None known
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12: ECOLOGICAL INFORMATION

12.1 TOXICITY

- This product is derived from coconut. Based on available data, the pure product is not anticipated to be harmful to contaminated plants or animals.
- Based on available data, the pure product is not anticipated to be harmful to contaminated aquatic plants or animals in the area immediately surrounding the release of the pure product.

12.2 PERSISTENCE AND DEGRADABILITY

- When released into the soil, the product is expected to biodegrade.

12.3 BIOACCUMULATIVE POTENTIAL

- It is not anticipated that this product will bioaccumulate or bioconcentrate significantly in the environment.

12.4 MOBILITY IN SOIL

- This product is not anticipated to be mobile in soil.

12.5 RESULTS OF PBT and vPvB ASSESSMENT

- No data are available.

12.6 OTHER ADVERSE EFFECTS

- ENDOCRINE DISRUPTOR INFORMATION: No component is reported to be an endocrine disruptor.

12.7 ADDITIONAL ENVIRONMENTAL IMPACT INFORMATION

- SpillFix meets and exceeds Federal EPA leachate standards for hydrocarbon/petroleum products.
- SpillFix Passes the EPA's TCLP and TTLC testing.
- SpillFix encapsulates chemicals and will not leach or release back into the environment.

13: DISPOSAL CONSIDERATION

13.1 WASTE TREATMENT METHODS

- WASTE HANDLING RECOMMENDATIONS: Prepare, transport, treat, store, and dispose of waste product according to all applicable local, U.S. State and U.S. Federal regulations, the applicable Canadian standards, or the appropriate standards of the nations of the European Community.

13.2 DISPOSAL CONSIDERATIONS

- EPA RCRA WASTE CODE: Not applicable.
- EUROPEAN WASTE CODE: Not applicable.

14: TRANSPORT INFORMATION

14.1/14.2/14.3/14.4 DANGEROUS GOODS BASIC DESCRIPTION AND OTHER TRANSPORT INFORMATION

- DEPARTMENT OF TRANSPORTATION HAZARDOUS MATERIALS SHIPPING REGULATIONS

UN/NA IDENTIFICATION NUMBER	Not hazardous, per US DOT regulations.
PROPER SHIPPING NAME	Not applicable.
HAZARD CLASSIFICATION	Not applicable.
PACKING GROUP	Not applicable.
LABEL	Not applicable.
NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK (2012)	Not applicable.
MARINE POLLUTANT STATUS	No component is designated as a DOT Marine Pollutant.
- CANADIAN TRANSPORTATION INFORMATION

This product is NOT regulated by Transport Canada as dangerous goods under Canadian transportation standards.
- IATA DESIGNATION

This product is NOT regulated as dangerous goods by the International Air Transport Association.
- IMO DESIGNATION

This product is NOT regulated as dangerous goods by the International Maritime Organization.

14.5 ENVIRONMENTAL HAZARDS

- None described, as related to transportation.

14.6 SPECIAL PRECAUTIONS FOR USERS

- Not applicable.

14.7 TRANSPORT IN BULK

- Not applicable.

15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE.

• OTHER IMPORTANT U.S. REGULATIONS

U.S. TSCA INVENTORY STATUS: All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CERCLA REPORTING REQUIREMENTS Not applicable.

SARA REPORTING REQUIREMENTS Not applicable.

SARA SECTION 311/312 FOR PRODUCT Not applicable.

CALIFORNIA SAFE DRINKING WATER ACT (PROPOSITION 65) STATUS Not applicable.

• INTERNATIONAL REGULATIONS

CANADIAN DSL/NDSL INVENTORY STATUS All ingredients of this product are listed or are excluded from inventory reporting requirements.

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS: The components of this product are not on the CEPA Priorities Substances Lists.

GERMAN WATER HAZARD CLASSIFICATION: 1 (low hazard to waters).

15.2: CHEMICAL SAFETY ASSESSMENT

- No information available.

16: OTHER INFORMATION

16.1 INDICATION OF CHANGE.

- CHANGE INDICATED: Update of OSHA Hazard Communication Standard (29 CFR 1910.1200); Format changes.
- ORIGINAL DATE OF ISSUE October 2013.
- DATES OF UPDATES June 3, 2014.

16.2 KEY LITERATURE REFERENCES AND SOURCES FOR DATA

- SAFETY DATA SHEETS FOR COMPONENT PRODUCTS
- Regulations (EC) No 1907/2006, 1272/2008 & 453/2010 of the European Parliament and of the Council
- Federal OSHA Hazard Communication Standard: 29 CFR 1910.1200
- ESIS -European Chemical Substances Information System <http://esis.jrc.ec.europa.eu/>

16.3 CLASSIFICATION AND PROCEDURE USED TO DERIVE THE CLASSIFICATIONS FOR MIXTURES

- CLASSIFICATION: Section 2 (Hazards Information) provides all relevant classification information used for this product. The assignments were based on data available for the component products, calculations, expert judgment, and weight of evidence.

16: OTHER INFORMATION (cont.)

16.4 ABBREVIATIONS AND ACRONYMS.

ALL SECTIONS: OSHA: U.S. Federal Occupational Safety and Health Administration. WHMIS: Canadian Workplace Hazardous Materials Standard. GHS: Globally Harmonized System of Classification of Chemical Substances. REACH: European Union regulation, Registration, Evaluation, Authorization and Restriction of Chemical substances. SECTION 2: CAS Number: Chemical Abstract Service Number, which is used by the American chemical Society to uniquely identify a chemical. EINECS: European Inventory of Existing Commercial Substances. SECTION 3: HAZARDOUS MATERIALS IDENTIFICATION SYSTEM RATING: This is a rating system used by industry to summarize physical and health hazards to chemical users and was originally developed by the National Paint and Coating Association. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard. SECTION 5: NFPA: National Fire Protection Association. NFPA FLAMMABILITY CLASSIFICATION: The NFPA uses the flash point (F.P.) and boiling point (BP) to classify flammable or combustible liquids. Class IA: F.I.P. below 73°F and BP below 100°F. Class IB: F.I.P. below 73°F and BP at or above 100°F. Class IC: :F.I.P. at or above 73°F and BP at or above 100°F. Class II: : F.I.P. at or above 100°F and below 140°F. Class IIIA: F.I.P. at or above 140°F and below 200°F. Class IIIB: F.I.P. at or above 200°F. NFPA HAZARDOUS MATERIALS RATING: This is a rating system used to summarize physical and health hazards to firefighters. 0 = No Significant Hazard. 1 = Slight Hazard. 2 = Moderate Hazard. 3 = Severe Hazard. 4 = Extreme Hazard. SECTION 8: NE: Not established. ACGIH: American Conference of Government Industrial Hygienists; TWA: Time-Weighted Average (over an 8-hour work day); STEL: Short Term Exposure Limit (15 minute average, no more than 4-times daily and each exposure separated by one-hour minimally); C: Ceiling Limit (concentration not to be exceeded in a work environment). PEL: Permissible Exposure Limit. NIOSH: National Institute of Occupational Safety and Health; REL: Recommended Exposure Limit; IDLH: Immediately Dangerous to Life and Health Concentrations. Note: In July 1992, a court ruling vacated the more protective PELs set by OSHA in 1989. Because OSHA may enforce the more protective levels under the "general duty clause", both the current and vacated levels are presented in this document. ppm: Parts per Million. mg/m3: Milligrams per cubic meter. mppcf: Millions of Particles per Cubic Foot. BEI: Biological

Exposure Limit. EL: Exposure Limit (United Kingdom). Federal Republic of Germany (DFG) Maximum Concentration Values in the Workplace (MAKs) SECTION 9: pH: Scale (0 to 14) used to rate the acidity or alkalinity of aqueous solutions. For example, a pH value of 0 indicates a strongly acidic solution, pH of 7 indicates a neutral solution, and a pH value of 14 indicates an extremely basic solution. FLASH POINT: Temperature at which a liquid generates enough flammable vapors so that ignition may occur. AUTOIGNITION TEMPERATURE: Temperature at which spontaneous ignition occurs. LOWER EXPLOSIVE LIMIT (LEL): The minimal concentration of flammable vapors in air which will sustain ignition. UPPER EXPLOSIVE LIMIT (UEL): The maximum concentration of flammable vapors in air which will sustain ignition. : Approximately symbol. SECTION 11: CARCINOGENICITY STATUS: NTP: National Toxicology Program. IARC: International Agency for Research on Cancer. REPRODUCTIVE TOXICITY INFORMATION: Mutagen: Substance capable of causing chromosomal damage to cells. Embryo-toxin: Substance capable of damaging the developing embryo in an overexposed female. Teratogen: Substance capable of damaging the developing fetus in an overexposed female. Reproductive toxin: Substance capable of adversely affecting male or female reproductive organs or functions. TOXICOLOGY DATA: LDxxor LCxx: The Lethal Dose or Lethal Concentration of a substance which will be fatal to a given percentage (xx) of exposed test animals by the designate route of administration. This value is used to access the toxicity of chemical substances to humans. TDxxor TCxx: The Toxic Dose or Toxic Concentration of a substance which will cause an adverse effect to a given percentage (xx) of exposed test animals by the designate route of administration. NOAEL: No Observable Effect Level. SECTION 13: RCRA: Resource Conservation and Recovery Act. The regulations promulgated under this act under Act are found in 40 CFR, Sections 260 ff, and define the requirements of hazardous waste generation, transport, treatment, storage, and disposal. EPA RCRA Waste Codes: Defined in 40 CFR Section 261. SECTION 15: CERCLA: Comprehensive Environmental Response Compensation and Liability Act (a.k.a. "Superfund") and SARA: (Superfund Amendment and Reauthorization Act). The regulations promulgated under this Act are located under 40 CFR 300 ff. and provide "community right-to-know" requirements. DSL/ NDSL: Canadian Domestic Substances and Non-Domestic Substances Lists.

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SECTION 1. IDENTIFICATION

Product identifier used on the label

: **SaniZide®Plus Germicidal Solution**

Product Code(s)

: 9900010
Premoistened towelette
Canister: 160 Count
Container: 4oz, 8oz, 16oz, 32oz and 1 gallon

Recommended use of the chemical and restrictions on use

: Personal Care Applications
Restriction on use: None known

Chemical family

: Mixture.

Name, address, and telephone number of the supplier:

Safetec of America, Inc.

887 Kensington Avenue
Buffalo, NY, USA
14215

Supplier's Telephone # : 716-895-1822

24 Hr. Emergency Tel # : 1-800-255-3924

Name, address, and telephone number of the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Towelette / pad saturated with clear, colourless liquid, or Clear liquid. Odorless.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

The classification below is provided for informational purposes only.

Classification:

Skin Irritation - Category 2

Serious eye damage/eye irritation - Category 2A

Label elements

Hazard pictogram(s)



Signal Word

Warning!

Hazard statement(s)

Causes skin irritation.

Causes serious eye irritation.

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Precautionary statement(s)

Wash thoroughly after handling.
Wear protective gloves and eye/face protection.
If on skin: Wash with plenty of water.
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: get medical advice/attention.

Other hazards

Other hazards which do not result in classification: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
Ethoxylated nonylphenol	Nonylphenol Ethoxylated	9016-45-9	0.53
Alkyl dimethyl benzyl ammonium chloride	Quaternary ammonium compound Benzalkonium chloride	68391-01-5	0.11
alkyl dimethyl ethylbenzyl ammonium chlorides	N/Av	68956-79-6	0.11

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

Ingestion : None required when used as intended. If swallowed, DO NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
Inhalation : None required when used as intended. If symptoms develop, move victim to fresh air. Get medical attention if symptoms persist.
Skin contact : None required when used as intended. If irritation or symptoms develop, seek medical attention.
Eye contact : If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.

Most important symptoms and effects, both acute and delayed

: None expected, when used as intended.

Causes skin irritation. Symptoms may include redness, edema, drying defatting and cracking of the skin.
Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

Indication of any immediate medical attention and special treatment needed

: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media : Water. Water spray. Dry chemicals. Foam. Carbon dioxide (CO₂).
Unsuitable extinguishing media : Do not use water jet as extinguisher, as this will spread the fire.

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Special hazards arising from the substance or mixture / Conditions of flammability

: Burning may produce irritating, toxic and obnoxious fumes.

Flammability classification (OSHA 29 CFR 1910.106)

: Not flammable.

Hazardous combustion products

: Carbon oxides. Hydrogen chloride

Special protective equipment and precautions for firefighters

Protective equipment for fire-fighters

: None known.

Special fire-fighting procedures

: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

: Keep unnecessary personnel away. Wear appropriate personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Environmental precautions : Avoid discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

: Wipe up with absorbent material (e.g. cloth, fleece).

Special spill response procedures

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

: Handle in accordance with good industrial hygiene and safety practice. Do not ingest. Avoid contact with eyes.

Conditions for safe storage : Keep container tightly closed. Keep cool. Store away from incompatible materials.

Incompatible materials : Strong oxidizing agents. Acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
	Ethoxylated nonylphenol	N/Av	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride	N/Av	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	N/Av	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures

: Ensure adequate ventilation, especially in confined areas.

Respiratory protection

: None required when used as intended.

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Skin protection : None required when used as intended.
Eye / face protection : None required when used as intended.
Other protective equipment : None required when used as intended.
General hygiene considerations : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Towlette / pad saturated with clear, colourless liquid. or Clear liquid.
Odour : Odorless.
Odour threshold : Not available.
pH : 11 - 12
Melting/Freezing point : (-1.1 °C) 30.02 °F
Initial boiling point and boiling range : (93.33 °C) 200 °F
Flash point : (93.3 °C) 200.0 °F
Flashpoint (Method) : Seta closed cup
Evaporation rate (BuAe = 1) : Not available.
Flammability (solid, gas) : Not applicable.
Lower flammable limit (% by vol.) : Not available.
Upper flammable limit (% by vol.) : Not available.
Oxidizing properties : Not available.
Explosive properties : Not available.
Vapour pressure : Not available.
Vapour density : > 1
Relative density / Specific gravity : 1.01
Solubility in water : Complete
Other solubility(ies) : Not available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution : Not available.
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Viscosity : Not available.
Volatiles (% by weight) : Not available.
Volatile organic Compounds (VOC's) : 0%
Absolute pressure of container : Not available.
Flame projection length : Not available.
Other physical/chemical comments : None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability : Stable under normal conditions.

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SAFETY DATA SHEET**Possibility of hazardous reactions**

: Hazardous polymerization does not occur.

Conditions to avoid

: High temperatures.

Incompatible materials

: Strong oxidizing agents. Acids

Hazardous decomposition products

: None known, refer to hazardous combustion products in Section 5.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure:****Routes of entry inhalation** : YES**Routes of entry skin & eye** : YES**Routes of entry Ingestion** : NO**Routes of exposure skin absorption**

: YES

Potential Health Effects:**Signs and symptoms of short-term (acute) exposure***Sign and symptoms Inhalation*

: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Sign and symptoms ingestion

: No harmful effects expected in amounts likely to be ingested by accident.

Sign and symptoms skin

: None expected, when used as intended. Causes skin irritation. Symptoms may include a burning sensation, redness, swelling, drying, and cracking of the skin.

Sign and symptoms eyes

: None expected, when used as intended. Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

Potential Chronic Health Effects

: None expected, when used as intended.

Mutagenicity

: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity

: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive effects.

Sensitization to material: This product is not expected to cause respiratory sensitization.
This product is not expected to cause skin sensitization.**Specific target organ effects** : This material is not classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015).**Medical conditions aggravated by overexposure**

: None reported by the manufacturer.

Synergistic materials

: None reported by the manufacturer.

Toxicological data

: There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

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<u>Chemical name</u>	<u>LC₅₀(4hr)</u>	<u>LD₅₀</u>	
	<u>inh, rat</u>	<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Ethoxylated nonylphenol	1310mg/kg	N/Av	>2000 mg/kg
Alkyl dimethyl benzyl ammonium chloride	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	N/Av	N/Av	N/Av

Other important toxicological hazards

: None reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : Do not allow material to contaminate ground water system. The product is not classified as environmentally hazardous.

Ecotoxicity data:

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Ethoxylated nonylphenol	9016-45-9	0.13 mg/L Bluegill (Lepomis macrochirus)	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	N/Av	N/Av	N/Av

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Ethoxylated nonylphenol	9016-45-9	4.8 mg/L Water flea (Daphnia magna)	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	N/Av	N/Av	N/Av

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Ethoxylated nonylphenol	9016-45-9	20 mg/L/72hr Green algae (Selenastrum capricornutum)	8 mg/L/72hr Green algae (Selenastrum capricornutum)	N/Av
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	N/Av	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	N/Av	N/Av	N/Av

Persistence and degradability

: No data is available on the product itself.

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Bioaccumulation potential : No data is available on the product itself.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethoxylated nonylphenol (CAS 9016-45-9)	N/Av	N/Av
Alkyl dimethyl benzyl ammonium chloride (CAS 68391-01-5)	N/Av	N/Av
alkyl dimethyl ethylbenzyl ammonium chlorides (CAS 68956-79-6)	N/Av	N/Av

Mobility in soil : No data is available on the product itself.

Other Adverse Environmental effects

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.




SECTION 13. DISPOSAL CONSIDERATIONS

Handling for Disposal : Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Methods of Disposal : Dispose of in accordance with local regulations. Empty container or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

RCRA : The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	None.	Not regulated. None Known.	not regulated	none	
49CFR/DOT Additional information	None.				
ICAO/IATA	None.	Not regulated.	not regulated	none	
ICAO/IATA Additional information	None.				
IMDG	None.	Not regulated.	not regulated	none	
IMDG Additional information	None.				

Special precautions for user : None reported by the manufacturer.

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Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
: Not established.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Ethoxylated nonylphenol	9016-45-9	Yes	N/Ap	N/Av	No	N/Ap
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	Yes	N/Ap	N/Av	No	N/Ap
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	Yes	N/Ap	N/Av	No	N/Ap

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes: Skin irritation Eye irritation Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals. .

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Ethoxylated nonylphenol	9016-45-9	No	N/Ap	No	No	No	No	No	No
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	No	N/Ap	No	No	No	No	No	No
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	No	N/Ap	No	No	No	No	No	No

Canadian Information:

All ingredients are listed on the DSL, or are exempted materials. Refer to Section 2 for a WHMIS Classification for this product.

International Information:

Components listed below are present on the following International Inventory list:

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Ingredients	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Ethoxylated nonylphenol	9016-45-9	500-024-6	Present	Present	(7)-172	KE-26244	Present	HSR003054; HSNO Approval: HSR006598, HSR006618 (dilution)
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	269-919-4	Present	Present	(3)-2694	KE-00775	Present	HSR003609
alkyl dimethyl ethylbenzyl ammonium chlorides	68956-79-6	273-318-2	Present	Present	No data available.	2001-3-1988	Present	No data available.

SECTION 16. OTHER INFORMATION

Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- CA: California
- CAS: Chemical Abstract Services
- CEPA: Canadian Environmental Protection Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- CPR: Controlled Products Regulation
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- DSL: Domestic Substances List
- EPA: Environmental Protection Agency
- HMIS: Hazardous Materials Identification System
- HPA: Hazardous Products Act
- HSDB: Hazardous Substances Data Bank
- IARC: International Agency for Research on Cancer
- IATA: International Air Transport Association
- ICAO: International Civil Aviation Organisation
- IMDG: International Maritime Dangerous Goods
- Inh: Inhalation
- LC: Lethal Concentration
- LD: Lethal Dose
- MA: Massachusetts
- MN: Minnesota
- N/Ap: Not Applicable
- N/Av: Not Available
- NFPA: National Fire Protection Association
- NIOSH: National Institute of Occupational Safety and Health
- NJ: New Jersey
- NOEC: No observable effect concentration
- NTP: National Toxicology Program
- OECD: Organisation for Economic Co-operation and Development
- OEL: National occupational exposure limits
- OSHA: Occupational Safety and Health Administration
- PA: Pennsylvania
- PEL: Permissible exposure limit
- PPE: Personal Protective Equipment
- RCRA: Resource Conservation and Recovery Act
- RI: Rhode Island
- RQ: Reportable Quantity
- RTECS: Registry of Toxic Effects of Chemical Substances
- SARA: Superfund Amendments and Reauthorization Act
- SDS: Safety Data Sheet
- STEL: Short Term Exposure Limit

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TDG: Canadian Transportation of Dangerous Goods Act & Regulations
 TLV: Threshold Limit Values
 TWA: Time Weighted Average
 WEL: Workplace Exposure Limit
 WHMIS: Workplace Hazardous Materials Identification System

- References** :
1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2018.
 2. International Agency for Research on Cancer Monographs, searched 2018.
 3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2018 (Chempendium, HSDB and RTECs).
 4. Material Safety Data Sheets from manufacturer.
 5. US EPA Title III List of Lists - March 2015 version.
 6. California Proposition 65 List - November 23, 2018 version.
 7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal, 2018.

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: 04/17/2017

Reviewed Date SDS (dd/mm/yyyy)

: 14/03/2019

Revision No.



: 2

Revision Information

: (M)SDS sections updated 2. HAZARDS IDENTIFICATION, 4. FIRST AID MEASURES, 11. TOXICOLOGICAL INFORMATION, 15. REGULATORY INFORMATION .

Other special considerations for handling

: Provide adequate information, instruction and training for operators.

<p>Prepared for: Safetec of America, Inc. 887 Kensington Avenue Buffalo, NY 14215 Telephone: 1-716-895-1822 www.safetec.com</p>	
<p>Prepared by: ICC The Compliance Center Inc. Telephone: (888) 442-9628 (U.S.); (888) 977-4834 (Canada) http://www.thecompliancecenter.com</p>	

DISCLAIMER

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END OF DOCUMENT

P.A.W.S.

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SECTION 1. IDENTIFICATION

Product identifier used on the label

: **P.A.W.S.**

Product Code(s)

: 9900080
Premoistened towelette
Canister: 50 Count /160 Count

Recommended use of the chemical and restrictions on use

: Personal Care Applications
Restriction on use: None known

Chemical family

: Mixture.

Name, address, and telephone number of the supplier:

Safetec of America, Inc.

887 Kensington Avenue
Buffalo, NY, USA
14215

Supplier's Telephone # : 716-895-1822

24 Hr. Emergency Tel # : 1-800-255-3924

Name, address, and telephone number of the manufacturer:

Refer to supplier

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical

Towelette / pad saturated with clear, colourless liquid. Fresh Scent.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

Label elements

Hazard pictogram(s)

None required under U.S. OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations.

Signal Word

Not required

Hazard statement(s)

Not required

Precautionary statement(s)

Not required

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
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P.A.W.S.

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Ethanol	Ethyl alcohol Ethyl hydrate	64-17-5	60.0 - 70.0
Triethanolamine	N,N,N-Triethanolamine	102-71-6	<1

SECTION 4. FIRST-AID MEASURES

Description of first aid measures

- Ingestion* : Harmful effects are not expected under normal usage.
- Inhalation* : Harmful effects are not expected under normal usage.
- Skin contact* : Harmful effects are not expected under normal usage. If skin irritation or rash occurs: Get medical advice/attention.
- Eye contact* : If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.

Most important symptoms and effects, both acute and delayed

- : None expected, when used as intended.

Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media* : Dry chemicals. Foam. Carbon dioxide (CO₂). Water or fog spray.
- Unsuitable extinguishing media* : Do not use water jet as extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture / Conditions of flammability

- : Flammable liquid and vapor.

Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquids - Category 3

Hazardous combustion products

- : Carbon oxides

Special protective equipment and precautions for firefighters

- Protective equipment for fire-fighters* : Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.
- Special fire-fighting procedures* : Cool containers exposed to heat with water spray and remove container, if no risk is involved.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

- : Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment.

Environmental precautions

- : Avoid release to the environment.

Methods and material for containment and cleaning up

- : Wipe up with absorbent material (e.g. cloth, fleece).

Special spill response procedures

- : Not applicable.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

- : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Do not ingest or swallow. Observe good industrial hygiene practices.

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Conditions for safe storage : Keep containers closed when not in use.

Incompatible materials : Strong oxidizing agents. Acids.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Exposure Limits:</u>				
<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Ethanol	N/Av	1000 ppm	1000 ppm (1900 mg/m ³)	N/Av
Triethanolamine	5 mg/m ³	N/Av	N/Av	N/Av

Exposure controls

Ventilation and engineering measures

: None required under normal conditions.

Respiratory protection : None required under normal conditions.

Skin protection : None required under normal conditions.

Eye / face protection : None required under normal conditions.

Other protective equipment : None required when used as intended.

General hygiene considerations

: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Towelette / pad saturated with clear, colourless liquid.

Odour : Fresh Scent.

Odour threshold : Not available.

pH : 5-10

Melting/Freezing point : Not available.

Initial boiling point and boiling range

: Not available.

Flash point : 27.2°C (81°F)

Flashpoint (Method) : Closed cup

Evaporation rate (BuAe = 1) : Not available.

Flammability (solid, gas) : Not applicable.

Lower flammable limit (% by vol.)

: 3.3%

Upper flammable limit (% by vol.)

: 19%

Oxidizing properties : Not applicable

Explosive properties : Not explosive

Vapour pressure : Not available.

Vapour density : Not available.

Relative density / Specific gravity

: 0.89

Solubility in water : Complete

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Other solubility(ies) : Not available.
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution
: Not available.
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Viscosity : Not available.
Volatiles (% by weight) : Not available.
Volatile organic Compounds (VOC's)
: Not available.
Absolute pressure of container
: Not available.
Flame projection length : Not available.
Other physical/chemical comments
: None known or reported by the manufacturer.

SECTION 10. STABILITY AND REACTIVITY

Reactivity : The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability : Material is stable under normal conditions.
Possibility of hazardous reactions
: Hazardous polymerization does not occur.
Conditions to avoid : Keep away from heat, sparks and open flames.
Incompatible materials : See Section 7 (Handling and Storage) for further details.
Hazardous decomposition products
: See Section 5 (Fire Fighting Measures).

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry inhalation : YES
Routes of entry skin & eye : YES
Routes of entry Ingestion : YES
Routes of exposure skin absorption
: YES

Potential Health Effects:

Signs and symptoms of short-term (acute) exposure

Sign and symptoms Inhalation

: None expected, when used as intended.

Sign and symptoms ingestion

: None expected, when used as intended.

Sign and symptoms skin

: None expected, when used as intended.

Sign and symptoms eyes

: None expected, when used as intended. Direct eye contact may cause irritation. Symptoms may include tearing, redness and discomfort.

Potential Chronic Health Effects

: None expected, when used as intended.

Mutagenicity

: Not expected to be mutagenic.

Carcinogenicity

: This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive or developmental effects.

Sensitization to material : Not expected to be a skin or respiratory sensitizer.

Specific target organ effects : None expected, when used as intended.

Medical conditions aggravated by overexposure

: None reported by the manufacturer.

Synergistic materials : None reported by the manufacturer.

Toxicological data : See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC₅₀(4hr)</u> <u>inh, rat</u>	<u>LD₅₀</u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Ethanol	> 32 380 ppm (61 mg/L) (vapour)	7060 mg/kg	> 15 800 mg/kg
Triethanolamine	N/Av	6110 mg/kg	> 2000 mg/kg (No mortality)

Other important toxicological hazards

: None known or reported by the manufacturer.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity : The product is not classified as environmentally hazardous. Avoid release to the environment.

Ecotoxicity data:

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Ethanol	64-17-5	> 100 mg/L (Fathead minnow)	N/Av	None.
Triethanolamine	102-71-6	11 800 mg/L (Fathead minnow)	N/Av	None.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Ethanol	64-17-5	5012 mg/L (Daphnia magna)	N/Av	None.
Triethanolamine	102-71-6	609.88 mg/L [Ceriodaphnia (water flea)]	16 mg/L	None.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Ethanol	64-17-5	1000 mg/L/96hr (Green algae)	N/Av	None.
Triethanolamine	102-71-6	216 mg/L/72hr (Green algae)	N/Av	None.

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: Not available.

Bioaccumulation potential

: Not available.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Ethanol (CAS 64-17-5)	- 0.31	N/Av
Triethanolamine (CAS 102-71-6)	- 1.59	< 3.9 (common carp)

Mobility in soil

: Not available.

Other Adverse Environmental effects

: None known or reported by the manufacturer.

SECTION 13. DISPOSAL CONSIDERATIONS**Handling for Disposal**

: Dispose of in accordance with local regulations.

Methods of Disposal

: Dispose of in accordance with local regulations.

RCRA

: Not applicable.






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SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT	UN3175	SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S.	not regulated	II	
49CFR/DOT Additional information	The premoistened towellette may be shipped as not regulated according to:Special provision 47 allows for UN3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.				
ICAO/IATA	UN3175	Solids containing flammable liquid, n.o.s.	not regulated	II	
ICAO/IATA Additional information	The premoistened towellette may be shipped as not regulated according to:Special provision A46 allows for UN 3175, Solids, Containing flammable liquid, N.O.S. in sealed packages, containing less than 10 ml to be exempted from the regulations, provided there is no free liquid in the packet.				
49CFR/DOT	UN1170	ETHANOL SOLUTION	LQ ground	III	
49CFR/DOT Additional information	The canisters may be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass. Refer to 49 CFR Section 173.150.				
ICAO/IATA	UN1170	Ethyl alcohol solution	3	III	
ICAO/IATA Additional information	The canister may be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				
IMDG	UN1170	ETHANOL SOLUTION	LQ ground	III	
IMDG Additional information	The canisters may be shipped as a Limited Quantity when transported in containers no larger than 5 L (1.3 gallons); in packages not exceeding 30 kg (66 pounds) gross mass.				

Special precautions for user : Appropriate advice on safety must accompany the package.

Environmental hazards : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

: Not established.

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

Components listed below are present on the following U.S. Federal chemical lists:

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Ingredients	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	de minimus Concentration
Ethanol	64-17-5	Yes	None.	None.	No	N/Ap
Triethanolamine	102-71-6	Yes	N/Ap	N/Ap	No	N/Ap

SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: None. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

US State Right to Know Laws:

The following chemicals are specifically listed by individual States:

Ingredients	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Ethanol	64-17-5	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes
Triethanolamine	102-71-6	No	N/Ap	No	Yes	Yes	Yes	Yes	Yes

Canadian Information:

All components of this product are on the Canadian DSL list.
WHMIS Classification: See Section 2.

International Information:

Components listed below are present on the following International Inventory list:

Ingredients	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Ethanol	64-17-5	200-578-6	Present	Present	(2)-202	KE-13217	Present	HSR001144
Triethanolamine	102-71-6	203-049-8	Present	Present	(2)-308	KE-25940	Present	HSR002785

SECTION 16. OTHER INFORMATION

Legend

- : ACGIH: American Conference of Governmental Industrial Hygienists
- CA: California
- CAS: Chemical Abstract Services
- CEPA: Canadian Environmental Protection Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- CFR: Code of Federal Regulations
- CPR: Controlled Products Regulation
- CSA: Canadian Standards Association
- DOT: Department of Transportation
- DSL: Domestic Substances List
- EPA: Environmental Protection Agency
- HMIS: Hazardous Materials Identification System
- HPA: Hazardous Products Act

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HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NOEC: No observable effect concentration
NTP: National Toxicology Program
OECD: Organisation for Economic Co-operation and Development
OEL: National occupational exposure limits
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PPE: Personal Protective Equipment
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RQ: Reportable Quantity
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
WEL: Workplace Exposure Limit
WHMIS: Workplace Hazardous Materials Identification System

References :

1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2016
2. International Agency for Research on Cancer Monographs, searched 2017
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2017(Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists - 2017 version.
6. California Proposition 65 List - 2017 version.
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,2017.

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Other special considerations for handling

: Provide adequate information, instruction and training for operators.

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