


**SECTION 1: PRODUCT IDENTIFICATION**

<b>PRODUCT NAME</b>	Cleanroom Supplies, Spor Klenz <sup>®</sup> Ready-To-Use Sterilant, 3.2 L, Sterile (Steris <sup>®</sup> )
<b>PRODUCT CODE</b>	3116
<b>SUPPLIER</b>	<b>MEDISCA Inc.</b> Tel.: 1.800.932.1039   Fax.: 1.855.850.5855 661 Route 3, Unit C, Plattsburgh, NY, 12901 3955 W. Mesa Vista Ave., Unit A-10, Las Vegas, NV, 89118 6641 N. Belt Line Road, Suite 130, Irving, TX, 75063 <b>MEDISCA Pharmaceutiqe Inc.</b> Tel.: 1.800.665.6334   Fax.: 514.338.1693 4509 Rue Dobrin, St. Laurent, QC, H4R 2L8 21300 Gordon Way, Unit 153/158, Richmond, BC V6W 1M2 <b>MEDISCA Australia PTY LTD</b> Tel.: 1.300.786.392   Fax.: 61.2.9700.9047 Unit 7, Heritage Business Park 5-9 Ricketty Street, Mascot, NSW 2020
<b>EMERGENCY PHONE</b>	CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 NSW Poisons Information Centre: 131 126 National Chemical Emergency Centre 44(0)1235239670
<b>USES</b>	Liquid Sterilant

**SECTION 2: HAZARDS IDENTIFICATION**

<b>GHS CLASSIFICATION</b>	Skin Corrosion (Category 1) Eye Damage (Category 1)
<b>PICTOGRAM</b>	
<b>SIGNAL WORD</b>	Danger
<b>HAZARD STATEMENT(S)</b>	Causes severe skin burns and serious eye damage. Keep Out of Reach of Children. Hazard to Humans and Domestic Animals.
<b>ADVERSE PHYSIOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS</b>	Not Applicable.
<b>PRECAUTIONARY STATEMENT(S)</b>	<b>Prevention</b> Do not breathe dusts or mists. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 IF ON SKIN (OR HAIR): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 Wash contaminated clothing before reuse.  
 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Storage** Store locked up.

**Disposal** Dispose of contents and/or container in accordance with local regulations.

**HMIS CLASSIFICATION**

**Health Hazard** 2 **Flammability** 0

**Reactivity** 0 **Personal Protection** B

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	Not applicable
BOTANICAL NAME	Not applicable
SYNONYM	Not applicable
CHEMICAL FORMULA	Not applicable
CAS NUMBER	Not applicable
ALTERNATE CAS NUMBER	Not applicable
MOLECULAR WEIGHT	Not applicable

COMPOSITION	CHEMICAL NAME	CAS NUMBER	EC NUMBER	% BY WEIGHT
	ACETIC ACID	64-19-7	200-580-7	< 10
	HYDROGEN PEROXIDE	7722-84-1	231-765-0	~ 1

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as health hazards and hence require reporting in this section.

## SECTION 4: FIRST-AID MEASURES

IN CASE OF EYE CONTACT	Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek medical aid.
IN CASE OF SKIN CONTACT	Wash with soap & water for 15 minutes. If irritation persists seek medical aid.
IF SWALLOWED	Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.
IF INHALED	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician
SYMPTOMS AND EFFECTS	Not expected to present a significant hazard under anticipated conditions of normal use.

## SECTION 5: FIREFIGHTING MEASURES

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL	Not applicable
FLAMMABLE PROPERTIES	May be combustible at high temperature
HAZARDOUS COMBUSTION PRODUCTS	Under fire conditions, hazardous fumes will be present.

**SUITABLE & UNSUITABLE  
EXTINGUISHING MEDIA**

**Small fire:** dry chemical, CO<sub>2</sub> or water spray. **Large fire:** dry chemical, CO<sub>2</sub>, alcohol resistant foam or water spray. Do not get water inside containers.

**PROTECTIVE EQUIPMENT AND  
PRECAUTIONS FOR FIREFIGHTERS**

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS**

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

**METHODS & MATERIAL FOR  
CONTAINMENT**

On land, sweep or shovel into suitable containers.

**CLEANUP PROCEDURE**

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Shut off all sources of ignition. Evacuate the area. If necessary, employ water fog to disperse the vapors. Absorb the matter with compatible vermiculite or other absorbing material. Place in a suitable container and retain for disposal. Ventilate and clean the affected area. Do not flush into sewerage system or to drains.

**REFERENCE TO OTHER SECTIONS**

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

**PRECAUTIONS FOR SAFE HANDLING**

Do not inhale. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash thoroughly after handling. Store away from incompatible materials, in a well-ventilated area. Eliminate all sources of ignition. Store in accordance with local regulations. Do not store in unlabeled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination.

**CONDITIONS FOR SAFE STORAGE**

Store away from incompatible materials, in a well-ventilated area. Eliminate all sources of ignition. Store in accordance with local regulations. Do not store in unlabeled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid environmental contamination.

**STORAGE CONDITIONS**

Store in original container, tightly sealed, protected from direct sunlight and moisture. Preserve in original containers at controlled room temperatures.

**SPECIFIC END USE(S)**

See Section 1

## SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name: ACETIC ACID CAS #: 64-19-7

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>				
OSHA	USA	10	25	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	10	N/L	15	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	10	25	N/L	N/L	25mg/m <sup>3</sup>	25mg/m <sup>3</sup> ; 10ppm	N/A	N/A
WEEL	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSIS	Australia	10	25	15	37	N/L	N/L	N/A	N/A
HSE	UK	10	25	20 (1)	50 (1)	N/L	N/L	N/A	N/A

YOUR TRUSTED PARTNER IN COMPOUNDING

<b>GESTIS</b>	Austria	10 (1)	25 (1)	20 (1)(2)	20 (1)(2)	N/L	N/L	N/A	(1) Indicative Occupational Exposure Limit Values, proposal (2) Ceiling limit value (5 minutes)
<b>GESTIS</b>	Belgium	10	25	15 (1)	38 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Canada - Ontario	10	N/L	15	N/L	N/L	N/L	N/A	N/A
<b>GESTIS</b>	Canada - Québec	10	25	15	37	N/L	N/L	N/A	N/A
<b>GESTIS</b>	Denmark	10	25	20	50	N/L	N/L	N/A	N/A
<b>GESTIS</b>	European Union	10 (2)	25 (2)	20 (1)	50 (1)	N/L	N/L	N/A	(1) 15 minutes average value; (2): Indicative Occupational Exposure Limit Value (IOELV)
<b>GESTIS</b>	Finland	5	13	10 (1)	25 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	France	10	25	20 (1)	50 (1)	N/L	N/L	N/A	N/A
<b>GESTIS</b>	Germany (AGS)	10	25	20 (1)	50 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Germany (DFG)	10	25	N/L	N/L	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Hungary	N/L	25	N/L	25	N/L	N/L	N/A	N/A
<b>GESTIS</b>	Ireland	10	25	20 (1)	50 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Japan (JSOH)	10	25	N/L	N/L	N/L	N/L	N/A	N/A
<b>GESTIS</b>	Latvia	10	25	20 (1)	50 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	New Zealand	10	25	15	37	N/L	N/L	N/A	N/A
<b>GESTIS</b>	China	N/L	10	N/L	20 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Poland	N/L	25	N/L	50 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Romania	10	25	20 (1)	50 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Singapore	10	25	15	37	N/L	N/L	N/A	N/A
<b>GESTIS</b>	South Korea	10	25	15	37	N/L	N/L	N/A	N/A
<b>GESTIS</b>	Spain	10	25	20 (1)	50 (1)	N/L	N/L	N/A	(1) 15 minutes average value VLI
<b>GESTIS</b>	Sweden	5	13	10 (1)	25 (1)	N/L	N/L	N/A	(1) 15 minutes average value
<b>GESTIS</b>	Switzerland	10	25	20	50	N/L	N/L	N/A	N/A
<b>GESTIS</b>	Turkey	10	25	N/L	N/L	N/L	N/L	N/A	N/A

YOUR TRUSTED PARTNER IN COMPOUNDING

Chemical Name: HYDROGEN PEROXIDE CAS #: 7722-84-1

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>				
OSHA	USA	1	1.4	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	1	1.4	N/L	N/L	N/L	1.4 mg/m <sup>3</sup>	N/A	N/A
WEEL	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSIS	Australia	1	1.4	N/L	N/L	N/L	N/L	N/A	N/A
HSE	UK	1	1.4	2	2.8	N/L	N/L	N/A	N/A
GESTIS	Austria	1	1,4	2	2,8	N/L	N/L	N/A	N/A
GESTIS	Belgium	1	1,4	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada - Ontario	1	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada - Québec	1	1,4	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Denmark	1	1,4	2	2,8	N/L	N/L	N/A	N/A
GESTIS	Finland	1	1,4	3 (1)	4,2 (1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	France	1	1,5	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Germany (DFG)	0,5	0,71	0,5 (1)	0,71 (1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Ireland	1	1,5	2 (1)	3 (1)	N/L	N/L	N/A	(1) 15 minutes reference period
GESTIS	China	N/L	1,5	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Poland	N/L	0,4	N/L	0,8 (1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Singapore	1	1,4	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	South Korea	1	1,5	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Spain	1	1,4	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Sweden	1	1,4	2 (1)	3 (1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Switzerland	1	1,4	2 (1)	2,8 (1)	N/L	N/L	N/A	(1) 15 minutes average value

N/L = Not listed ; N/A = Not Available

PELs are 8-hour TWAs = Limit value - Eight hours

Ceiling or Short-Term TWA = STEL = Limit value - Short term

#### EXPOSURE GUIDELINES

Consult local authorities for provincial or state exposure limits. Particulates not otherwise regulated, respirable fraction: 5 mg/m<sup>3</sup>.

#### PERSONAL PROTECTIVE EQUIPMENT

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by WHMIS or OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. **Skin:** Wear appropriate gloves to prevent skin exposure. **Clothing:** Wear appropriate protective clothing to minimize contact with skin. **Respirators:** Follow WHMIS or OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. **Thermal Hazards:** For products representing a thermal hazard, appropriate Personal Protective Equipment should be used.

#### SPECIFIC ENGINEERING CONTROLS

Adequate mechanical ventilation. Fumehood, eye wash station, and safety shower.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE</b>	Liquid				
<b>DESCRIPTION</b>	Clear colorless liquid with characteristic odor.				
<b>SOLUBILITY</b>	Soluble in water				
<b>ODOR</b>	Characteristic odor				
<b>FLAMMABILITY</b>	May be combustible at high temperature				
<b>AUTO-IGNITION TEMPERATURE</b>	Not available	<b>BOILING POINT</b>	Not available	<b>DECOMPOSITION TEMPERATURE</b>	Not available
<b>EVAPORATION RATE</b>	Not available	<b>EXPLOSIVE LIMIT</b>	Not available	<b>FLASH POINT</b>	Not available
<b>log P (OCTANOL-WATER)</b>	Not available	<b>LOWER FLAMMABLE/EXPLOSIVE LIMIT(S)</b>	Not available	<b>MELTING/FREEZING POINT</b>	Not available
<b>ODOR THRESHOLD</b>	Not available	<b>OXIDIZING PROPERTY</b>	Not available	<b>pH</b>	1.5 - 2
<b>RELATIVE DENSITY (WATER = 1)</b>	Not available	<b>SPECIFIC GRAVITY</b>	1.000 - 1.020 (15.6°C)	<b>UPPER FLAMMABLE/EXPLOSIVE LIMIT(S)</b>	Not available
<b>VAPOR DENSITY (AIR = 1)</b>	Not available	<b>VAPOR PRESSURE</b>	Not available	<b>VISCOSITY</b>	Not available

The physical data presented above are typical values and should not be construed as a specification.

**SECTION 10: STABILITY AND REACTIVITY**

<b>REACTIVITY</b>	Thermal decomposition generates corrosive vapours.
<b>CHEMICAL STABILITY</b>	Stable under recommended storage conditions
<b>INCOMPATIBLE MATERIALS</b>	Strong oxidants. Heavy metals. Bronze. Brass. Copper and its alloys. Iron. Aluminium. Salts. Alkalis, strong acids, strong bases, and caustic products. Combustible organic compounds. Formaldehyde. Chlorine
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur
<b>HAZARDOUS POLYMERIZATION</b>	Will not occur
<b>POSSIBILITY OF HAZARDOUS REACTION</b>	Not established
<b>CONDITIONS TO AVOID</b>	Moisture, sunlight, extreme temperatures and excessive heat.

**SECTION 11: TOXICOLOGICAL INFORMATION**

YOUR TRUSTED PARTNER IN COMPOUNDING

<b>ACUTE TOXICITY</b>	Oral: Rat: LD50: (mg/kg): Not available Dermal: Rat: LD50: (mg/kg): >20 000 Inhalation: Rat: LC50: (mg/L/4hr): Not available
<b>SKIN CORROSION/IRRITATION</b>	Causes severe skin burns (pH: 1.5 - 2)
<b>SERIOUS EYE DAMAGE/EYE IRRITATION</b>	Causes eye damage (pH: 1.5 - 2)
<b>RESPIRATORY SENSITIZATION</b>	Based on available data, the classification criteria are not met.
<b>SKIN SENSITIZATION</b>	Based on available data, the classification criteria are not met.
<b>GERM CELL MUTAGENICITY</b>	Based on available data, the classification criteria are not met.
<b>CARCINOGENICITY</b>	<p><b>OSHA</b> No component of this product, present at ≥0.1%, is listed.</p> <p><b>NTP</b> No component of this product, present at ≥0.1%, is listed.</p> <p><b>IARC</b> HYDROGEN PEROXIDE is listed in group 3 (not classifiable as to its carcinogenicity to humans). No other component of this product, present at ≥0.1% has been evaluated.</p> <p><b>California Proposition 65</b> This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.</p>
<b>ADDITIONAL CARCINOGENICITY INFORMATION</b>	Based on available data, the classification criteria are not met.
<b>REPRODUCTIVE TOXICITY</b>	Based on available data, the classification criteria are not met.
<b>SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE</b>	Based on available data, the classification criteria are not met.
<b>SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE</b>	Based on available data, the classification criteria are not met.
<b>ASPIRATION HAZARDS</b>	Based on available data, the classification criteria are not met.
<b>SIGNS AND SYMPTOMS OF EXPOSURE</b>	Not expected to present a significant hazard under anticipated conditions of normal use.
<b>POTENTIAL HEALTH EFFECTS</b>	<p><b>Inhalation</b> May be harmful if inhaled. May cause respiratory tract irritation.</p> <p><b>Ingestion</b> May be harmful if swallowed.</p> <p><b>Skin</b> May be harmful if absorbed through skin. Causes severe skin burns.</p> <p><b>Eyes</b> Causes eye damage.</p>

## SECTION 12: ECOLOGICAL INFORMATION

<b>TOXICITY</b>	EC50: 48 Hr: Crustacea: (mg/L): Not available LC50: 96 Hr: Fish: (mg/L): Not available EC50: 72 or 96 Hr: Algae (or other aqua plants): (mg/L): Not available
<b>PERSISTENCE AND DEGRADABILITY</b>	Not available
<b>BIOACCUMULATIVE POTENTIAL</b>	Not available
<b>MOBILITY IN SOIL</b>	Soluble in water
<b>OTHER ADVERSE EFFECTS</b>	Not available
	This product is not intended to be released into the environment

## SECTION 13: DISPOSAL CONSIDERATIONS

YOUR TRUSTED PARTNER IN COMPOUNDING

**WASTE DISPOSAL**

Dispose of in accordance with federal / local laws and regulations. Avoid release into the environment.

**NOTES**

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of onsite in a sanitary sewer or at an approved waste disposal facility.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this process two more times.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for Guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Clean container promptly after emptying.

## SECTION 14: TRANSPORT INFORMATION

**UN PROPER SHIPPING NAME**

Not dangerous good

**UN NUMBER**

Not applicable

**CLASS**

Not applicable

**PACKING GROUP**

Not applicable

**AUSTRALIA**

**HAZCHEM**

Not applicable

**EU**

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE**

Not Listed

**ENVIRONMENTAL HAZARDS**

Not available

**SPECIAL SHIPPING INFORMATION**

Not applicable

## SECTION 15: REGULATORY INFORMATION

**UNITED STATES REGULATIONS**

Chemical Name & CAS	CERCLA 40 CFR Part 302.4	SARA (Title III) 40 CFR Part 372.65	EPA 40 CFR Part 355		Pennsylvania	Right-to-know		California Prop 65
			Appendix A	Appendix B		New Jersey	Massachusetts	
ACETIC ACID, 64-19-7	X	N/L	N/L	N/L	X	X	X	N/L
HYDROGEN PEROXIDE, 7722-84-1	N/L	N/L	X	N/L	X	X	X	N/L

N/L = Not Listed; X = Listed

**AUSTRALIAN REGULATIONS**



YOUR TRUSTED PARTNER IN COMPOUNDING

Chemical Name & CAS	Poisons and Therapeutic Goods Regulation	Therapeutic Goods Act	Code of Practices - Illicit Drug Precursors
ACETIC ACID, 64-19-7	N/L	N/L	Listed as Category III
HYDROGEN PEROXIDE, 7722-84-1	N/L	Listed as Schedule 6	N/L

N/L = Not Listed

**EU REGULATIONS**

Chemical Name & CAS	REACH ANNEX XVII	REACH ANNEX XIV	EC 1005/2009	EC 850/2004	EC 1107/2009	EC 649/2012	EC 2012/118
ACETIC ACID, 64-19-7	N/L	N/L	N/L	N/L	N/L	N/L	N/L
HYDROGEN PEROXIDE, 7722-84-1	N/L	N/L	N/L	N/L	N/L	N/L	N/L

N/L = Not Listed; X = Listed

Any EU regulation not listed above is not applicable to this product.

**SECTION 16: OTHER INFORMATION**
**REFERENCES**
**ABBREVIATIONS AND ACRONYMS**

Available upon request

**ACGIH** - American Conference of Governmental Industrial Hygienists; **AIHA WEEL** – American Industrial Hygiene Association Workplace Environment Exposure Levels; **CAESAR** – Computer Assisted Evaluation of industrial chemical Substances According to Regulations; **CAS** – Chemical Abstract Service; **CERCLA** – Comprehensive Environmental Response, Compensation, and Liability Act; **EC50** – Effective Concentration, 50%; **EPA** – Environmental Protection Agency; **GHS** – Global Harmonized System; **HMIS** – Hazardous Materials Information System; **HSE** – Health and Safety Executive; **HSIS** – Hazardous Substances Information System; **IARC** – International Agency for Research on Cancer; **IDLH** - Immediately Dangerous to Life or Health; **IRFMN** – Ready Biodegradability Model; **ISS** – Istituto Superiore Sanità; **LC50** – Lethal Concentration, 50%; **LD50** – Lethal Dose, 50%; **MSHA** - Mine Safety and Health Administration; **NIOSH** – National Institute for Occupational Safety and Health; **NTP** – National Toxicology Program; **OSHA PEL** – Occupational Safety & Health Administration Permissible Exposure Limits; **QSAR** – Quantitative Structure-activity relationship; **REL** – Recommended Exposure Limit; **SARA** – Superfund Amendments and Reauthorization Act; **STEL** – Short Term Exposure Limit; **TLV** – Threshold Limit Value; **TWA** – Time Weighted Average; **WHMIS** – Workplace Hazardous Materials Information System

**LAST REVISION**

05/2020

**SUPERSEDES**

03/2018

For a list of changes to the SDS since the last version, please communicate with MEDISCA at [www.medisca.com](http://www.medisca.com)

**DISCLAIMER**

This document was created in accordance with OSHA, Safe Work Australia and WHMIS regulations. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MEDISCA<sup>®</sup> shall not be held liable for any damage resulting from handling or from contact with the above product. Recipients of the product must take responsibility for observing existing laws and regulations.

**SUPPLEMENTARY INFORMATION**

For all country specific requirements not outlined on this Safety Data Sheet, please request Supplementary Page to this Safety Data Sheet.