

		SAFETY DATA SHEET										Page 1 of 6 SDS-010							
Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 2020/878/EU Standards														Revision: 4		DCO# 1443		Effective Date: 02/05/2024	
1. PRODUCT & COMPANY IDENTIFICATION																			
1.1	Product Name:	SPRINTRAY SURGICAL GUIDE 3																	
1.2	Chemical Name:	UFI: N3S9-UKE4-Y00W-EV2R																	
1.3	Synonyms:	NA																	
1.4	Trade Names:	SprintRay Surgical Guide 3																	
1.5	Product Uses & Restrictions:	Professional Use Only																	
1.6	Distributor's Name:	SprintRay, Inc.																	
1.7	Distributor's Address:	2710 Media Center Drive, #100A, Los Angeles, CA 90065 USA																	
1.8	Emergency Phone:	CHEMTREC: +1 (703) 527-3887 // +1 (800) 424-9300																	
1.9	Business Phone / Fax:	Tel: +1 (800) 914-8004																	
2. HAZARDS IDENTIFICATION																			
2.1	Hazard Identification:	Prepared in accordance with UN Globally Harmonized standards. Intended to comply with OSHA 29 CFR 1910.1200. Canadian WHMIS and Australian Work Health and Safety WARNING! SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Classification: Repr. 2, Skin Irrit. 2, Eye Irrit. 2A; Aq. Chronic 2																	
2.2	Label Elements:	Hazard Statements (H): H315 – Causes skin irritation. H361F (oral) – Suspected of damaging fertility or the unborn child. H319 – Causes serious eye irritation. H411 – Toxic to aquatic life with long lasting effects. Precautionary Statements (P): P201 – Obtain, read, and follow special instructions before use. P264+P265 – Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Do not touch eyes. P272 – Contaminated work clothing should not be allowed out of the workplace. P273 – Avoid release to the environment. P280 – Wear protective gloves/eye protection/face protection. P302+P352 - IF ON SKIN, wash with plenty of soap and warm water. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P317 – If skin irritation occurs: get medical help. P337+P317 – If eye irritation persists: Get medical HELP. P318 – IF exposed or concerned: Get medical advice. P321 – Specific treatment: see section 4 (First Aid) of this SDS. P362+P364 – Take off contaminated clothing and wash it before reuse. P391 – Collect spillage. P405 – Store locked up. P501 – Dispose of contents/container to a licensed treatment, storage, or disposal facility (TSDF).																	
2.3	Other Warnings:	KEEP OUT OF REACH OF CHILDREN.																	
3. COMPOSITION & INGREDIENT INFORMATION																			
CHEMICAL NAME(S)		CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³)									OTHER				
						ACGIH		NOHSC			OSHA								
						Ppm		Ppm		Ppm									
						TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH						
PROPRIETARY #1		NA	NA	NA	100	NA	NA	NF	NF	NF	NA	NA	NA						
		Skin Irrit. 2, Skin Sens. 1B, Eye Irrit. 2A, STOT SE 3; H315, H317, H319, H335																	
PROPRIETARY #2		NA	NA	NA	25-70	NA	NA	NF	NF	NF	NA	NA	NA						
		Skin Irrit. 2, Skin Sens. 1B, Aq. Chronic 2; H315, H317, H411;																	
PROPRIETARY #3		NA	NA	NA	15-35	NA	NA	NF	NF	NF	NA	NA	NA						
		Skin Sens. 1B, Aq. Chronic 2; H317, H411;																	
PROPRIETARY #4		NA	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA						
		Eye Irrit. 2; Skin Irrit. 2; Skin Sens. 1B; H319, H315, H317;																	
PROPRIETARY #5		75980-60-8	NA	278-355-8	≤ 5	NA	NA	NF	NF	NF	NA	NA	NA						
		Repr. 2; Aq. Chronic 2; H361F, H411																	
PROPRIETARY #6		NA	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA						
		Aq. Acute 1; Aq. Chronic 1; H400, H410																	
PROPRIETARY #7		NA	NA	NA	≤ 5	NA	NA	NF	NF	NF	NA	NA	NA						
		Flam. Liq. 3; Acute Tox. (oral) 4; Acute Tox. (dermal) 4; Acute Tox. (inh) 4; Skin Corr. 1A; Aq. Acute 1; H226, H332, H312, H302, H314, H400;																	
4. FIRST AID MEASURES																			
4.1	First Aid:	Ingestion: If ingested, do not induce vomiting. If product has been swallowed, drink plenty of water or milk IMMEDIATELY. If the patient is vomiting, continue to offer water or milk. Never give water or milk to an unconscious person. Contact the nearest Poison Control Center or local emergency number. Provide an estimate of the time at which the material was ingested and the amount of the substance that was swallowed. Eyes: Splashes are not likely; however, if product gets in the eyes, flush with copious amounts of lukewarm water for at least 15 minutes lifting upper and lower lids, occasionally. Skin: Wash thoroughly with soap and water. In case of contact, immediately flush skin with plenty of water for at least 15 minutes. Inhalation: Remove victim to fresh air at once. If breathing difficult, administer oxygen. If breathing stops give artificial respiration. Keep person warm, quiet and get medical attention.																	

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4. FIRST AID MEASURES – cont'd																						
4.2	Effects of Exposure:	<u>Ingestion:</u> If product is swallowed, may cause nausea, vomiting and/or diarrhea. <u>Eyes:</u> Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and watering. <u>Skin:</u> May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some sensitive individuals. <u>Inhalation:</u> None expected.																				
4.3	Symptoms of Overexposure:	<u>Ingestion:</u> Nausea, intestinal discomfort, vomiting and/or diarrhea. <u>Eyes:</u> Overexposure in eyes may cause redness, itching and watering. <u>Skin:</u> Symptoms of skin overexposure may include redness, itching, and irritation of affected areas. Frostbite like symptoms. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in some individuals.																				
4.4	Acute Health Effects:	Non-irritating when used as directed. Moderate irritation to eyes and skin near affected areas.																				
4.5	Chronic Health Effects:	Non-irritating when used as directed. Overexposure may also induce skin sensitization and respiratory hypersensitivity. Possible allergic dermatitis.																				
4.6	Target Organs:	Eyes, Skin																				
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin).				<table border="1"> <tr> <td colspan="2">HEALTH</td> <td>2</td> </tr> <tr> <td colspan="2">FLAMMABILITY</td> <td>1</td> </tr> <tr> <td colspan="2">PHYSICAL HAZARDS</td> <td>0</td> </tr> <tr> <td colspan="2">PROTECTIVE EQUIPMENT</td> <td>B</td> </tr> <tr> <td>EYES</td> <td>SKIN</td> <td></td> </tr> </table>		HEALTH		2	FLAMMABILITY		1	PHYSICAL HAZARDS		0	PROTECTIVE EQUIPMENT		B	EYES	SKIN	
HEALTH		2																				
FLAMMABILITY		1																				
PHYSICAL HAZARDS		0																				
PROTECTIVE EQUIPMENT		B																				
EYES	SKIN																					
5. FIREFIGHTING MEASURES																						
5.1	Fire & Explosion Hazards:	This material can burn but will not readily ignite. However, if involved in a fire, this product may decompose at high temperatures to form toxic gases (e.g., CO, CO _x , Hydrocarbons).																				
5.2	Extinguishing Methods:	CO ₂ , Dry Chemical, Alcohol foam, Dry Chemical. Use water spray to cool containers.																				
5.3	Firefighting Procedures:	Keep containers cool until well after the fire is out. Fight fires as for surrounding materials. As in any fire, wear MSHA/NIOSH approved self-contained breathing apparatus (pressure-demand) and full protective gear. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.																				
6. ACCIDENTAL RELEASE MEASURES																						
6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment. Plastic or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills. For <u>small Spills</u> (e.g., < 1 gallon (3.8 L)) wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible material such as vermiculite or sand to soak up the product and place into a container for later disposal. Do not use water or a material such as "speedy dry" to soak up material. For <u>large Spills</u> (e.g., ≥ 1 gallon (3.8 L)), keep incompatible materials away from spill. Dike and contain spill with inert material (e.g., sand or earth). Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for proper disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Keep runoff from waterways.																				
7. HANDLING & STORAGE INFORMATION																						
7.1	Work & Hygiene Practices:	Do not eat, drink, or smoke when handling this product. Avoid contact to eyes and skin. Avoid inhalation of vapors, fumes and dusts. Wash thoroughly after handling and use. Do not smoke, eat, drink, chew gum or tobacco, or apply cosmetics within the working area.																				
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Use normal precautions common to safe manufacturing practices should be followed in handling and storage. Keep product contained and retain all warning and identity labels. Store out of direct sunlight. Keep out of the reach of children. Keep away from open flames, sparks, and other possible sources of ignition. Keep away from incompatible materials listed in Section 10. Keep container tightly closed when not in use.																				
7.3	Special Precautions:	Read and understand the manufacturer's instructions and the precautionary label on this product. Avoid overexposure of skin contact. Clean all spills promptly. Open containers slowly on a stable surface. Keep container tightly closed when not in use. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care.																				

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12. ECOLOGICAL INFORMATION					
12.1	Environmental Stability:	There are no specific data available for this product. WGK 3 (Severe hazard to waters)			
12.2	Effects on Plants & Animals:	There are no specific data available for this product.			
12.3	Effects on Aquatic Life:	There are no specific data available for this product.			
13. DISPOSAL CONSIDERATIONS					
13.1	Waste Disposal:	Products covered by this SDS, in their original form, when disposed as waste, are considered non-hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state, and federal regulations. Dispose of in accordance with federal, state and local regulations.			
13.2	Special Considerations:	NA			
14. TRANSPORTATION INFORMATION					
The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.					
14.1	49 CFR (GND):	NOT REGULATED			
14.2	IATA (AIR):	NOT REGULATED			
14.3	IMDG (OCN):	NOT REGULATED			
14.4	TDGR (Canadian GND):	NOT REGULATED			
14.5	ADR/RID (EU):	NOT REGULATED			
14.6	SCT (MEXICO):	NOT REGULATED			
14.7	ADGR (AUS):	NOT REGULATED			
15. REGULATORY INFORMATION					
15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements.			
15.2	SARA Threshold Planning Quantity:	There are no specific Threshold Planning Quantities for the components of this product.			
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.			
15.4	CERCLA Reportable Quantity (RQ):	NA			
15.5	Other Federal Requirements:	NA			
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the HPR and the SDS contains all of the information required by the HPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D2B (Other Toxic Effects)			
15.7	State Regulatory Information:	<u>Some of the ingredients</u> are found on the following criteria list: NJ and PA. No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI). This product does not contain any chemicals known to the State of California to cause cancer or other reproductive harm. For more information go to www.P65Warnings.ca.gov .			
15.8	Other Requirements:	This product is found on the following inventory lists: Australia - AICS, China - IECSC, Europe - ELINCS/EINEC, Japan - ENCS; Korea - KECL; New Zealand - NZIoC; Philippines - PICCS; USA - TSCA			



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16. OTHER INFORMATION			
16.1	Other Information:	WARNING! SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Obtain, read, and follow special instructions before use. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Do not touch eyes. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/eye protection/face protection. IF ON SKIN, wash with plenty of soap and warm water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs get medical help. If eye irritation persists: Get medical HELP. IF exposed or concerned: Get medical advice. Specific treatment: see section 4 (First Aid) of this SDS. Take off contaminated clothing and wash it before reuse. Collect spillage. Store locked up. KEEP LOCKED UP AND OUT OF REACH OF CHILDREN.	
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.	
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & SprintRay, Inc.'s, knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.	
16.4	Prepared for:	SPINTRAY, INC. 2710 Media Center Drive, #100A Los Angeles, CA 90065 USA Tel: +1 (800) 914-8004 http://www.sprinray.com	
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com	

DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number
RTECS No.	Registry of Toxic Effects of Chemical Substances Number
EINECS No.	European Inventory of Existing Commercial Chemical Substances Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
IDLH	Immediately Dangerous to Life and Health
NOHSC	National Occupational Health and Safety Commission (Australia)
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:

A	
B	 
C	  
D	  
E	  
F	   

G	  
H	   
I	  
J	   
K	   
X	Consult your supervisor or SOPs for special handling directions.

			
Safety Glasses	Splash Goggles	Face Shield & Protective Eyewear	Gloves
			
Boots	Protective Apron	Protective Clothing & Full Suit	Dust Respirator
			
Full Face Respirator	Dust & Vapor Half-Mask Respirator	Full Face Respirator	Airline Hood/Mask or SCBA

OTHER STANDARD ABBREVIATIONS:

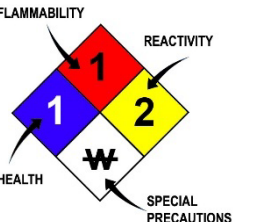
Carc	Carcinogenic
Irrit	Irritant
NA	Not Available
NR	No Results
ND	Not Determined
NE	Not Established
NF	Not Found
SCBA	Self-Contained Breathing Apparatus
Sens	Sensitization
STOT RE	Specific Target Organ Toxicity – Repeat Exposure
STOT SE	Specific Target Organ Toxicity – Single Exposure

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



TOXICOLOGICAL INFORMATION:

LD ₅₀	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
LC ₅₀	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD ₀₁	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD ₀₁ , LD ₀₁ , & LD ₀₁ or TC, TC ₀₁ , LC ₀₁ , & LC ₀₁	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL _m	Median threshold limit
log K _{OW} or log K _{OC}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

							
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

CLP/GHS (1272/2008/EC) PICTOGRAMS:

								
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment