Material Safety Data Sheet

Section 1. Product and Preparation Information

Common Product Name: Tissue Marking Dye/Margin Marker	**Item#:** SL662BK (1 oz. black),SL662BK-2 (2 oz. black), SL662BK-8 (8 oz. black)SL662BL (1 oz. blue),SL662BL-2 (2 oz. blue), SL662BL-8 (8 oz. blue) SL662GR (1 oz. green), SL662GR-2 (2 oz. green), SL662GR-8 (8 oz. green) SL662RD (1 oz. red),SL662RD-2 (2 oz. red), SL662RD-8 (8 oz. red) SL662YL (1 oz. yellow),SL662YL-2 (2 oz. yellow), SL662YL-8 (8 oz. yellow) SL662OR (1 oz. orange),SL662OR-2 (2 oz. orange), SL662OR-8 (8 oz.orange) SL662VT (1 oz. violet)SL662VT-2 (2 oz. violet) SL662VT-8 (8 oz. violet)	
Synonym: Ink	**MSDS Document#: SL662**	
Trade Name: Margin Marker	**Validation Date: 1-22-12**	
Provider: StatLab Medical Products 407 Interchange St. McKinney, TX 75071	**Print Date: 1-22-12**	**Intended use: Preparing and identifying tissue margins**
Chemtrec, 1-800-424-9300, Call in case of emergency		

Section 2. Composition and Information on Ingredients

Name	CAS#	OSHA PEL/TWA	Exposure Limits
1) Isopropyl Alcohol	#67-63-0	400 ppm TWA	None established
2) Ammonia*	#7664-41-7	35 ppm TWA	None established

Special….*This chemical is subject to S.A.R.A. Title III section 313 part 372 reporting.

Section 3. Hazards Identification

Physical State and Appearance	colored liquid with ammonia odor
Emergency Overview	Not available.
Routes of Entry	Inhalation, ingestion, and skin and eye contact.
Potential Acute Health Effects	
Eyes	Exposure to eyes may cause redness or irritation
Skin	Prolonged use may cause skin irritation
Inhalation	Breathing of vapors may cause nasal and respiratory irritation, nausea, headaches, dizziness, pulmonary edema and pneumonitis.
Ingestion	May cause damage to central nervous system
Potential Chronic Health Effects	Does not meet current definition of carcinogen in 26 CFR 1910.1200.
Medical Conditions Aggravated by Overexposure	Prolonged use may cause skin irritation or defatting and may cause damage to central nervous system
Overexposure/ Signs/Symptoms	

Section 4. First Aid Measures

Eye Contact	Immediately flush thoroughly with water for at least 15 minutes.
Skin Contact	Wash area thoroughly with copious amounts of water. Remove contaminated clothing and clean before wearing again.
Inhalation	Remove to clean, fresh air and treat symptomatically.
Ingestion	Induce vomiting and call a physician immediately
Notes to Physician	Not available.

Section 5. Fire Fighting Measures

Flammability of the Product	Non-Flammable. NFPA 1-1-0
Auto-ignition	NA

Temperature	
Flash Points	over 200ºF
Flammable Limits	Lower Explosion Limit -NA Upper Explosion Limit- NA
Products of Combustion	Not available.
Fire Hazards in Presence Of Various Substances	Not available.
Explosion Hazards in Presence of Various Substances	Not available.
Fire Fighting Media and Instructions	carbon dioxide, dry chemical, foam
Protective Clothing (Fire)	Fire fighters should use self-contained breathing apparatus and protective clothing.
Special Remarks on Fire Hazards	None Known
Special Remarks on Explosion Hazards	

Section 6. Accidental Release Measures

Small Spill and Leak	Flush with water into a suitable retaining area. Small spills may be absorbed with an appropriate absorbent.
Large Spill and Leak	Same as above.

Section 7, Handling and Storage

Handling	Use adequate ventilation. Avoid repeated or prolonged skin contact or breathing of vapors. Do not breathe vapors. Do not get in eyes.
Storage	Store in tightly closed containers in a cool, dry, well-ventilated, area.

Section 8. Exposure Controls / Personal Protection

Engineering Controls	
Personal Protection	
Eyes	Safety glasses with approved side shields should be worn at all times.
Body	Protective clothing, such as a lab coat, to minimize skin contact.
Respiratory	Good general ventilation required to keep vapors below recommended levels.
Hands	Neoprene, Nitrile or equivalent protective gloves.
Feet	Impervious footwear should be worn to prevent skin contact.
Personal Protection in Case of a Large Spill	See above.

Product Name	**Exposure Limits**
1) see exposure limits above	

Consult Local authorities before acceptable exposure limits.

Section 9. Physical and Chemical Properties

Physical State and Appearance	colored liquid	**Odor:**	Ammonia odor
Molecular Weight	NA	**Taste:**	Alcohol/Ammonia
Molecular Formula	NA	**Color:**	Colored
pH (1%/Water)	8.5-10		
Boiling/Condensation Point	>200° F		
Melting/Freezing Point	NA		
Critical Temperature	Not applicable.		
Specific Gravity	1.02-1.14		
Vapor Pressure	Unknown		
Vapor Density	Not applicable.		
Volatility	60-70%		
Odor Threshold	Not applicable		
Evaporation Rate	Not applicable.		
VOC	Not available.		
Viscosity	Not available.		
Ionicity (in water)	Not available.		
Dispersion Properties	Not available.		
Solubility	Complete in water.		

Physical Chemical Comments	Not available.

Section 10. Stability and Reactivity

Stability and Reactivity	Stable.
Conditions of Instability	Extreme Temperatures
Incompatibility with Various Substances	None known
Hazardous Decomposition Products	Thermal decomposition may produce carbon monoxide and/or carbon dioxide, traces of monomar.
Hazardous Polymerization	Does not occur.

Section 11. Toxicological Information

Toxicity to Animals	LD50: Not available. LD50: Not available. LC50: Not available.
Chronic Effects on Humans	*This chemical is subject to S.A.R.A. Title III section 313 part 372 reporting. CAS # 7664-41-7 Chemical Name Ammonia
Other Toxic Effects on Humans	
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Not available.

Section 12. Ecological Information

Ecotoxicity	Not available.
BODS and COD	Not available.
Biodegradable/OEDC	Not available.
Mobility	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on The Products of Biodegradation	Not available.

Section 13. Disposal Considerations

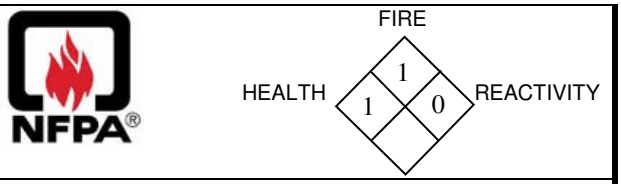
Waste Information	Not available.
Waste Stream	Not available.
Consult your local or regional authorities.	

Section 14. Transport Information

DOT Classification	Non-Hazardous
Marine Pollutant	Not available.
Hazardous Substances Reportable Quantity	Not available.
Special Provisions for Transport	Not applicable.
TDG Classification	Not applicable
ADR/RID Classification	ADR (Europe) Information not available.
IMO/IMDG Classification	IMDG Information not available.
ICAO/IATA Classification	Flammable Liquid, Acetone, UN1090, check IATA regulations.

Section 15. Other Information, Label Requirements

StatLab
MEDICAL PRODUCTS



The information provided above is based upon unused product. Product characteristics may change after processing, requiring further classification.

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