Material Safety Data Sheet

Date revised: N/A (first edition)

Section 1 - General Information

Chemical Name: Synonyms: CAS Reg. Number: **Catalog Number: Manufacturer's Name:** Chloramphenicol solution, 100ppm NA 56-75-7 1ST7001-100WA A Chemtek, Inc. 100 Barber Avenue Worcester, MA 01606, USA 508-471-4121 508-845-9201

Telephone Number: Fax Number: For R & D use only

Section 2 - Hazardous Ingredients/Identity Information **Emergency Overview OSHA Hazards**

Flammable liquids (Category 2), H225 Acute toxicity, Oral (Category 4), H302 Acute toxicity, Inhalation (Category 4), H332 Acute toxicity, Dermal (Category 4), H312 Eye irritation (Category 2A), H319

GHS Label elements, including precautionary statements



Pictogram	\vee \vee \vee
Signal word	Danger
Hazard statement(s)	
H225	Highly flammable liquid and vapour.
H302 + H312 + H332	Harmful if swallowed, in contact with skin or if inhaled
H319	Causes serious eye irritation.
Precautionary stateme	nt(s)
P210	Keep away from heat/sparks/open flames/hot surfaces No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ ventilating/ lighting/ equipment.
P242	Use only non-sparking tools.Precautionary statement(s)
P201	Obtain special instructions before use.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.
P264	Wash skin thoroughly after handling.
P270	V Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/ eye protection/ face protection.
P301 + P312 + P330 IF	SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
Rinse mouth.	
P303 + P361 + P353 IF	ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse
skin with water/ shower	
P304 + P340 + P312 IF	INHALED: Remove victim to fresh air and keep at rest in a position comfortable for
	breathing. Call a POISON
	CENTER or doctor/ physician if you feel unwell.
P305 + P351 + P338 IF	IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if
	present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
P363	Wash contaminated clothing before reuse.
P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
P403 + P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/ container to an approved waste disposal plant.

Section 3 - Hazardous Components/Identity Information

Hazardous Components	CAS #	Concentration
Acetonitrile	75-05-8	Balance
Water	7732-18-5	Balance
Chloramphenicol	56-75-7	0.01%

Section 4 - First Aid Measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a

physician. In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Section 5 - Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

No data available

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

Section 6 - Accidental Release Measures

Personal precautions	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating
	to form explosive concentrations. Vapours can accumulate in low areas.
Environmental precautions product enter drains.	Prevent further leakage or spillage if safe to do so. Do not let
Methods for cleaning up	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

Section 7 - Handling and Storage

Handling	Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use
explosion-proof	
Storage	equipment.Keep away from sources of ignition - No smoking.Take measures to prevent the build up of electrostatic charge. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.Store at -20°C.

Section 8 - Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values

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Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection	For prolonged or repeated contact use protective gloves
Eye protection	Safety glasses
Hygiene measures	General industrial hygiene practice

Section 9 - Physical and Chemical Properties

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Appearance:	Form	Liquid	
	Color	Colorless	
Safety data			
pH:		not available	
Meltin	g point:	not available	
Boilin	g point:	not available e	
Flash	point:	not available	
Ignitio	on temperature:	not available	
Lower	explosion limit:	not available	
Upper	explosion limit:	not available	
Water	solubility:	not available	

Section 10 - Stability and Reactivity

Storage stabilityStable under recommended storage conditionsMaterials to avoidHeat, flames and sparks. Extremes of temperature and direct sunlight.Hazardous decomposition productsHazardous decomposition products formed under fire
oxides. nitrogen oxides (NOx). Hydrogen chloride gas.

Section 11 - Toxicological Information

Acute toxicity:	no data available	
Other information on acute toxicity no data available		
Irritation and corrosion: not available		
Sensitization:	not available	
Respiratory or skin sensitization: not available		
Potential health effects		
Inhalation:	May be harmful if inhaled. May cause respiratory tract irritation.	
Skin:	May be harmful if absorbed through skin. May cause skin irritation.	
Eyes:	May cause eye irritation.	
Ingestion:	Toxic if swallowed.	

Section 12 - Ecological Information

Toxicity	not a	vailable
Persistence and degradability	not a	vailable
Bioaccumulative potential	not a	vailable
Mobility in soil	not a	vailable
Results of PBT and vPvB assessment not available		

Section 13 - Disposal Considerations

Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting

as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal

company. Contact a licensed professional waste disposal service to dispose of this material.

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Contaminated packaging: Dispose of as unused product.

Section 14- Transport Information

DOT	IATA	
Proper Shipping Name: Acetonitrile	Proper Shipping Name: Acetonitrile	
UN#: 1648	UN#: 1648	
Class: 3	Class: 3	
Packing Group: II	Packing Group: II	
Small quantities exempted	Small quantities exempted	

Section 15 - Regulatory Information

This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Section 16 - Other Information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. A Chemtek shall not be held liable for any damage resulting from handling or from contact with the above product.

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