# GHEMSERVICE .....

# SAFETY DATA SHEET

### 1. Identification

Product identifier	Sulfaquinoxaline Solution	
Other means of identification		
Item	S-13251M1	
Recommended use	For Laboratory Use Only	
Recommended restrictions	None known.	
Manufacturer/Importer/Supplier/I	Distributor information	
Manufacturer		
Company name Address	Chem Service, Inc. 660 Tower Lane West Chester, PA 19380 United States	
Telephone	Toll Free Direct	800-452-9994 610-692-3026
Website E-mail Emergency phone number	www.chemservice.com info@chemservice.com Chemtrec US Chemtrec outside US	800-424-9300 +1 703-527-3887
2. Hazard(s) identification		
Physical hazards	Flammable liquids	Category 2
Health hazards	Acute toxicity, oral	Category 3

i nysicai nazarus		Outegory 2
Health hazards	Acute toxicity, oral	Category 3
	Acute toxicity, dermal	Category 3
	Acute toxicity, inhalation	Category 3
	Serious eye damage/eye irritation	Category 2A
	Reproductive toxicity	Category 2
	Specific target organ toxicity, single exposure	Category 1
	Specific target organ toxicity, repeated exposure	Category 1
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	



Danger

Signal word

Label elements

Highly flammable liquid and vapor. Toxic if swallowed. Toxic in contact with skin. Causes serious eye irritation. Toxic if inhaled. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear eye protection/face protection. Wear protective gloves/protective clothing/eye protection/face protection.

Hazard statement

#### **Precautionary statement** Prevention

Response	If swallowed: Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor. Rinse mouth. If eye irritation persists: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
Supplemental information	0.01% of the mixture consists of component(s) of unknown acute dermal toxicity. 0.01% of the mixture consists of component(s) of unknown acute inhalation toxicity.

## 3. Composition/information on ingredients

#### **Mixtures**

Chemical name	Common name and synonyms	CAS number	%
Methanol		67-56-1	99 - 100
Sulfaquinoxaline		59-40-5	0.01

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures	
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.
Most important symptoms/effects, acute and delayed	Dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off immediately all contaminated clothing. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Alcohol resistant foam. Water fog. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

#### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

### 7. Handling and storage

Precautions for safe handling Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Do not taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in original tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

#### 8. Exposure controls/personal protection

Components	T	уре	Va	alue
Methanol (CAS 67-56-1)	Р	EL		60 mg/m3
			20	00 ppm
US. ACGIH Threshold Lir		100	V	alue
Components		уре		
Methanol (CAS 67-56-1)		TEL		50 ppm
	-	WA	20	00 ppm
US. NIOSH: Pocket Guide Components		as ype	V	alue
Methanol (CAS 67-56-1)	5	TEL		25 mg/m3 50 ppm
	Т	WA		60 mg/m3
			20	00 ppm
Biological limit values				
ACGIH Biological Exposi	ure Indices			
Components	Value	Determinant	Specimen	Sampling Time
Methanol (CAS 67-56-1)	15 mg/l	Methanol	Urine	*
* - For sampling details, ple	ease see the source of	document.		
xposure guidelines				
US - California OELs: Ski	•			
Methanol (CAS 67-56- US - Minnesota Haz Subs			e absorbed throu	ugh the skin.
Methanol (CAS 67-56-		Skin	designation appli	es.
US - Tennessee OELs: SI	-			
Methanol (CAS 67-56- US ACGIH Threshold Lim			e absorbed throu	ugh the skin.
Methanol (CAS 67-56-		-	e absorbed throu	uch the skin
US NIOSH Pocket Guide	,			
Methanol (CAS 67-56-		-	e absorbed throu	ugh the skin.
Appropriate engineering controls	changes per hou applicable, use maintain airborn established, mai	Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.		
ndividual protection measur Eye/face protection	•	Il protective equipm ator with organic vapo		ull facepiece.
Skin protection Hand protection	Wear appropriat supplier.	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove		
Other	Wear appropriat	Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.		
Respiratory protection	Chemical respira	ator with organic vapo	or cartridge and f	ull facepiece.
Thermal hazards		Wear appropriate thermal protective clothing, when necessary.		
General hygiene onsiderations	When using do i hygiene measur	not smoke. Keep awa es, such as washing	y from food and after handling the	drink. Always observe good personal e material and before eating, drinking, and/ e equipment to remove contaminants.

### 9. Physical and chemical properties

	•
pearance	
Physical state	Liquid.
Form	Liquid.
Color	Not available.
or	Not available.
or threshold	Not available.
	Not available.
Iting point/freezing point	-144.04 °F (-97.8 °C) estimated
ial boiling point and boiling ge	148.46 °F (64.7 °C) estimated
sh point	53.6 °F (12.0 °C) estimated
aporation rate	Not available.
mmability (solid, gas)	Not applicable.
per/lower flammability or exp	losive limits
Flammability limit - lower (%)	7.3 % estimated
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
oor pressure	169.3 hPa estimated
por density	Not available.
ative density	Not available.
-	
Solubility (water)	Not available.
tition coefficient octanol/water)	Not available.
to-ignition temperature	867.2 °F (464 °C) estimated
composition temperature	Not available.
cosity	Not available.
ner information	
Density	0.7865 g/cm3 estimated
Explosive properties	Not explosive.
Flammability class	Flammable IB estimated
Oxidizing properties	Not oxidizing.
Percent volatile	99.99 % estimated
Specific gravity	0.79 estimated
	Physical state Form Color or or threshold thing point/freezing point ial boiling point and boiling ge sh point aporation rate mmability (solid, gas) per/lower flammability or exp Flammability limit - lower (%) Flammability limit - upper (%) Flammability limit - upper (%) Explosive limit - lower (%) Explosive limit - upper (%) or pressure oor density ative density ubility(ies) Solubility (water) tition coefficient octanol/water) to-ignition temperature composition temperature cosity her information Density Explosive properties Flammability class Oxidizing properties Percent volatile

### 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	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

### 11. Toxicological information

#### Information on likely routes of exposure

Inhalation	Toxic if inhaled. May cause damage to organs by inhalation. May cause damage to organs through prolonged or repeated exposure by inhalation.	
Skin contact	Toxic in contact with skin.	
Eye contact	Causes serious eye irritation.	
Ingestion	Toxic if swallowed.	
Symptoms related to the physical, chemical and toxicological characteristics	Headache. Dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.	

#### Information on toxicological effects

Acute         Dermal         LD50       Rabbit       15800 mg/kg         Inhalation	Acute toxicity	Toxic if inhaled. Toxic in contact with skin. Toxic if swallowed. Species Test Results		
Acute       Dermal         LD50       Rabbit       15800 mg/kg         LD50       Mouse       9.43 mg/t, 134 Minutes         LC50       Mouse       9.43 mg/t, 134 Minutes         LC50       Mouse       9.43 mg/t, 134 Minutes         LC50       Mouse       9.43 mg/t, 134 Minutes         Crai       8.21 mg/t, 6 Hours       8.21 mg/t, 6 Hours         LD50       Monkey       6000 mg/kg         Mouse       7300 mg/kg       9.000 mg/kg         Mouse       7300 mg/kg       9.000 mg/kg         Mouse       628 mg/kg       6.000 mg/kg         Mouse       6400 mg/kg       6.000 mg/kg         Mouse       14.4 g/kg       6.000 mg/kg         Mouse       14.4 g/kg       6.000 mg/kg         Mouse       14.00 mg/kg       6.000 mg/kg         Mouse       14.00 mg/kg       6.000 mg/kg         Mouse       14.00 mg/kg       6.000 mg/kg         LD50       Mouse       152 mg/kg         LD50       Mouse       152 mg/kg         LD50       Mouse       15 g/kg         LD50       Mouse       1 g/kg         Stim corrosion/irritation       Nouree serious eye irritation.	Components			
DemalJason mygLDS0Abbit15800 mygInhalation943 mg/, 134 MinutesInhalation915.9 mg/, 44 MoursRat915.9 mg/, 44 MoursAbbit6400 ppm, 41 HoursInterpreter Hours6400 ppm, 41 HoursInterpreter Hours6400 ppm, 41 HoursOralImageInterpreter Hours6000 mg/kgMouse6000 mg/kgMouse7300 mg/kgAbbit628 mg/kgInterpreter Hours628 mg/kgHamster628 mg/kgMouse4100 mg/kgMouse4100 mg/kgMouse131 mg/kgMouse131 mg/kgMouse131 mg/kgMouse131 mg/kgMouse131 mg/kgLDS0MouseMouse1 g/gLDS0MouseRabit1 sg /kgLDS0MouseMouse1 g/gLDS0MouseMouse1 g/gLDS0MouseMouse1 g/gLDS0MouseMouse1 g/gSetimeter For product mot promoter data net show:Setimeter Setimeter S	Nethanol (CAS 67-56-1)			
LD50Rabit5800 mg/kginhation9.43 ng/l, 134 MinutesLC50Mouse9.43 ng/l, 134 MinutesLC50Rat64000 ppm, 4 Hours64000 ppm, 4 Hours6200 ng/kgintermediation6000 mg/kgCraiSite7300 mg/kgLD50Mokey6000 mg/kgMouse7300 mg/kgAbbit628 mg/kgLD50Guinea pig855 mg/kgLD50Guinea pig855 mg/kgMouse855 mg/kgLD50Mouse855 mg/kgLD50Mouse855 mg/kgMouse855 mg/kgLD50Rabit826 mg/kgMouse100 mg/kgMouse130 mg/kgLD50Rabit130 mg/kgLD50Rabit130 mg/kgLD50Mouse15 g/kgLD50Mouse15 g/kgLD50Nouse15 g/kgLD50Nouse1 g/kgSeriore syndem testSeriorus ever instantion*Stimeter testSeriorus ever instantionSeriore syndem testSeriorus ever instantionRespiratory posnitizatioNot respiratorus etemporantiatication eventsSkin sensitizationNit respiratorus endication concert singenistication findicate product oras elemporanticatication endication concert singenistication findicate product oras elemporantication endicate product oras elemporanticatication endication findicate product oras elemporantication endication en	<u>Acute</u>			
Inhalation       Interpretation       79.43 mg/l, 134 Minutes         LC50       Mouse       79.43 mg/l, 134 Minutes         Rat       >115.9 mg/l, 4 Hours       64000 ppm, 4 Hours         64000 ppm, 4 Hours       82.1 mg/l, 6 Hours       82.1 mg/l, 6 Hours         Orai       Mouse       7300 mg/kg         LD50       Monkey       6000 mg/kg         Mouse       7300 mg/kg       14.4 g/kg         Rabbit       14.4 g/kg       84.5000 mg/kg         Mouse       5628 mg/kg       14.4 g/kg         Mouse       5628 mg/kg       14.60000 mg/kg         Other       Guinea pig       3556 mg/kg         LD50       Guinea pig       3556 mg/kg         Mouse       100 mg/kg       1400 mg/kg         Rabbit       1826 mg/kg       1826 mg/kg         LD50       Mouse       15 g/kg         LD50       Mouse       15 g/kg         LD50       Mouse       1 g/kg         * stimates for product mature       caless serious eye irritation.         Serious cy damage/eye       rolinged skin contact may cause temporary irritation.         Respiratory or skin sensitization       Not a respiratory sensitization.         Skin sensitization       Sit a available to indicate				
LC50Mouse79.43 mg/l, 134 MinutesRat> 115.9 mg/l, 4 Hours64000 ppm, 4 Hours64000 ppm, 4 Hours6400 ppm, 4 Hours6400 ppm, 4 HoursCraiNoney6000 mg/kgLD50Monkey7300 mg/kgPig2000 mg/kgRabbit14.4 g/kgRabbit628 mg/kgCherS556 mg/kgLD50Guinea pigMouse8255 mg/kgMouse8256 mg/kgMouse100 mg/kgRabbit826 mg/kgMouse100 mg/kgRabbit826 mg/kgLD50RatBabbit826 mg/kgLD50RatSuffaquinoxaline (CAS 59-40-5)Acute OraiNouseLD50MouseRabit15 g/kgLD50NouseSerious cyc for product matsSerious cyc for product matsSerious cyc for product matsRespiratory or skin sensitizationRespiratory or skin sensitizationSkin sensitizati		Rabbit	15800 mg/kg	
Rat> 115.99/1, 4 Hours64000 ppm, 4 Hours64000 ppm, 4 Hours82.1 mg/l, 6 Hours82.1 mg/l, 6 HoursOralNonkey6000 mg/kg1D50Monkey7300 mg/kgPig> 5000 mg/kgRabbit14.4 g/kgRat5628 mg/kgOtherS565 mg/kgLD50Guinea pig3556 mg/kgHamster8555 mg/kgMouse1100 mg/kgRabbit1826 mg/kgLD50Rato2131 mg/kgSuffaquinoxaline (CAS 59-40-5)XAcuteXCoral15 g/kgLD50Mouse15 g/kgRat15 g/kgCoral2131 mg/kgLD50MouseRat15 g/kgRat11 g/kg* estimates for product may best on additional component data not showSkin corrosion/irritationProlonged skin contact may cause temporary irritationSerious eye damage/eyeCauses serious eye irritation.Serious eye damage/eyeSins ensitizationSkin sensitizationNot a respiratory sensitizar.Skin sensitizationThis product is not expected to cause skin sensitization.Skin sensitizationThis product is not expected to cause skin sensitization.Skin sensitizationThis product is not expected to cause skin sensitization.Skin sensitizationThis product is not expected to cause skin sensitization.Skin sensitizationThis product is not expected to cause skin sensitization.Skin sensitizationThi				
Aduot       64000 pm, 4 Hours         82.1 mg/l, 6 Hours         21 mg/l, 6 Hours         Buddee       6000 mg/kg         Mouse       7300 mg/kg         Pig       >5000 mg/kg         Pig       >5000 mg/kg         Rat       5628 mg/kg         Cher       Kat         LD50       Guinea pig         Hamster       8555 mg/kg         Mouse       4100 mg/kg         Mouse       4100 mg/kg         Rat       2131 mg/kg         Suffaquinoxaline (CAS 59-40-5)       Rat         Acute       2131 mg/kg         Oral       Rat       2131 mg/kg         LD50       Mouse       15 g/kg         LD50       Mouse       19 g/kg         LD50       Mouse       19 g/kg         LD50       Mouse       19 g/kg         LD50       Mouse       19 g/kg         Rat       > 1 g/kg         Strin corrosion/irritation       Projoged skin contact may cause temporary irritation.         Strin corrosion/irritation       Prolonged skin contact may cause temporary irritation.         Respiratory sensitization       Not a respiratory sensitization         Skin sensitization       Not a resp	LC50		-	
OralExtransionalLD50Monkey6000 mg/kgMouse7300 mg/kgPig>5000 mg/kgRabbit4.4 g/kgRabbit628 mg/kgOther558 mg/kgLD50Guinea pig3556 mg/kgMouse4100 mg/kgMouse8555 mg/kgMouse4100 mg/kgRabbit826 mg/kgMouse131 mg/kgSuffaquinoxatine (CAS 59-40-5)IAcute131 mg/kgOralILD50MouseNose15 g/kgCoralILD50Mouse intervent intervent intervent interventSuffaquinoxatine (CAS 59-40-5)IFestimates for product may best on additional component data not shown.* Estimates for product may best on additional component data not shown.* Estimates for product may best on additional component data not shown.* Stim corrosion/irritationProlonged skin contact may cause temporary irritation.* Stimates for product may best on additional component data not shown.* Stimates for product may best on additional component data not shown.* Stimates for product may best on additional component y irritation.* Stimates for product may best on additional component data not shown.* Stimates for product may best on additional component y irritation.Respiratory sensitizationKin sensitizationKin sensitizationSkin sensitizationSkin sensitizationCotata available to indicate product or any couse parts at senset at greater tha		Rat	-	
Oral LD50Monkey6000 mg/kgLD50Mouse7300 mg/kgMouse7300 mg/kgPig> 5000 mg/kgRabbit14.4 g/kgRabbit14.4 g/kgOtherS555 mg/kgLD50Guinea pigHamster8555 mg/kgMouse4100 mg/kgRabbit1826 mg/kgRabbit8265 mg/kgHamster2131 mg/kgSulfaquinoxaline (CAS 59-40-5)RatAcute Oral LD50MouseRat2131 mg/kgSulfaquinoxaline (CAS 59-40-5)RatAcute Oral LD50MouseRat15 g/kgRat> 1 g/kgSulfaquinoxaline (CAS 59-40-5)RatAcute Oral LD50MouseRat> 1 g/kgSulfaquinoxaline (CAS 59-40-5)Sulfaquinoxaline (CAS 59-40-5)Respiratory or skin sensitizationProlonged skin contact may cause temporary irritationSerious eye damage/eye ritationProlonged skin contact may cause temporary irritation.Serious eye damage/eye ritationSolf a respiratory sensitizationKin sensitizationNot a respiratory sensitizer.Serious eye sensitizationNot ar espiratory sensitizer.Serious eyensitizationNot data available to indicate product or any comporest at greater than 0.1% areGerm cell mutagenic or genotoxic.Solf available to indicate product or any comporest at greater than 0.1% are				
LD50Monkey6000 mg/kgMouse7300 mg/kgPig>5000 mg/kgRabbit14.4 g/kgRat5628 mg/kgOtherGuinea pigLD50Guinea pigMouse3556 mg/kgMouse4100 mg/kgMouse4100 mg/kgRabbit1826 mg/kgMouse131 mg/kgSuffaquinoxaline (CAS 59-40-5)NameAcute Oral LD50MouseMouse15 g/kgRato15 g/kgSuffaquinoxaline (CAS 59-40-5)NameKin corrosion/irritationProlonged skin contact may cause temporary irritationSuffaquinoxaline (CAS 59-40-5)NameAcute Oral LD50MouseRato15 g/kgSuffaquinoxaline (CAS 59-40-5)NameKin sensitizationProlonged skin contact may cause temporary irritationSerious eye damage/eye serious eye irritation.> 1 g/kgRespiratory sensitizationNot are serious eye irritation.Skin sensitizationNot are serious eye irritation.Skin sensitizationNot are serious eye irritation are serious exeristication.Skin sensitizationNot are available to indicate product or any component at areas exert at greater than 0.1% areaSkin sensitizationNot area available to indicate product or any component at area area area area area area area			82.1 mg/l, 6 Hours	
Mouse7300 mg/kgPig> 5000 mg/kgRabbit14.4 g/kgRat5628 mg/kgD50Guinea pigHamster8555 mg/kgHamster8555 mg/kgMouse4100 mg/kgRabbit1826 mg/kgRabbit826 mg/kgRabbit1826 mg/kgBolit2131 mg/kgSulfaquinoxatine (CAS 59-40-5)KatAcute2131 mg/kgOralNouseLD50MouseRat15 g/kgRat11 g/kgSulfaquinoxatine (CAS 59-40-5)Serious eye initational component data not shown.Sulfaquinoxatine (CAS 59-40-5)RatAcute15 g/kgOralRatLD50MouseRat1 g/kgSulfaquinoxatine (CAS 59-40-5)Serious eye initation.Causes serious eye initational component data not shown.Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Serious eye damage/eyeCauses serious eye irritation.Respiratory or skin sensitizationNot a respiratory sensitizer.Skin sensitizationNo ta respiratory sensitizer.Skin sensitizationNo data available to indicate product or any compenent at greater than 0.1% are mutagenic or genotoxic.				
Pig> 5000 mg/kgRabbit14.4 g/kgRat5628 mg/kgDotherGuinea pigLD50Guinea pigHamster8555 mg/kgMouse4100 mg/kgRabbit826 mg/kgRabbit826 mg/kgRabbit826 mg/kgRabbit826 mg/kgRat2131 mg/kgSulfaquinoxaline (CAS 59-40-5)KatAcute15 g/kgOralNouseLD50MouseRat15 g/kgRat1 g/kgSulfaquinoxaline (CAS 59-40-5)Serious eye irritationKestimates for product may be on additional component data not shown.Sulfaquinoxaline (CAS 59-40-5)Serious eye admage/eyeRespiratory or skin sensitizationProlonged skin contact may cause temporary irritation.Respiratory or skin sensitizationNot a respiratory sensitizationRespiratory or skin sensitizationNot a respiratory sensitizationSkin sensitizationThis product is not expected to cause skin sensitizatio.Skin sensitizationThis product is not expected to cause skin sensitizatio.Skin sensitizationNo data available to indicate product or any component at greater than 0.1% are	LD50	-		
Rabit14.4 g/kgRat5628 mg/kgOther5628 mg/kgLD50Guinea pigHamster8555 mg/kgMouse4100 mg/kgRabbit1826 mg/kgRabbit1826 mg/kgRabbit1826 mg/kgCoral2131 mg/kgLD50MouseAcute2131 mg/kgOral2131 mg/kgLD50MouseAcute355 mg/kgOral2131 mg/kgLD50MouseRest>1 g/kgCauses for product may be seed on additional component data not shown.Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Serious eye damage/eyeCauses serious eye irritation.Respiratory or skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot data available to indicate product or any component at greater than 0.1% are mutagenic or genotoxic.		Mouse		
Rat5628 mg/kgCther LD50Guinea pig3556 mg/kgHamster8555 mg/kgHamster8555 mg/kgMouse4100 mg/kgRabbit1826 mg/kgRabbit2131 mg/kgSulfaquinoxaline (CAS 59-40-5) Acute Oral LD50NouseAcute Oral LD50MouseRat2131 mg/kgSulfaquinoxaline (CAS 59-40-5) Rat15 g/kgSulfaquinoxaline (CAS 59-40-5) Rat15 g/kgSulfaquinoxaline (CAS 59-40-5) Rat15 g/kgCause Coral LD50MouseCause Coral LD5020 mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/m		Pig	> 5000 mg/kg	
Other       Guinea pig       3556 mg/kg         LD50       Guinea pig       3556 mg/kg         Hamster       8555 mg/kg         Mouse       4100 mg/kg         Rabbit       1826 mg/kg         Rat       2131 mg/kg         Sulfaquinoxaline (CAS 59-40-5)       Kat         Oral       15 g/kg         LD50       Mouse         Mouse       15 g/kg         Oral       1 g/kg         LD50       Mouse         Rat       > 1 g/kg         * Estimates for product may besed on additional component data not shown.         Stin corrosion/irritation       Prolonged skin contact may cause temporary irritation.         Serious eye damage/eye       Causes serious eye irritation.         Respiratory or skin sensitization       Not a respiratory sensitizer.         Skin sensitization       This product is not expected to cause skin sensitization.         Skin sensitization       This product is not expected to cause skin sensitization.         Skin sensitization       This product is not expected to cause skin sensitization.         Respiratory or skin sensitization       This product is not expected to cause skin sensitization.         Skin sensitization       This product is not expected to cause skin sensitization.         Skin sensitizat		Rabbit	14.4 g/kg	
LD50 Guinea pig 355 mg/kg		Rat	5628 mg/kg	
Hamster       8555 mg/kg         Mouse       4100 mg/kg         Rabbit       1826 mg/kg         Rabbit       2131 mg/kg         Sulfaquinoxaline (CAS 59-40-5)       Kat         Acute       2131 mg/kg         Oral       Nouse         LD50       Mouse         Rat       15 g/kg         Rat       > 1 g/kg         * Estimates for product may based on additional component data not shown.         Skin corrosion/irritation       Prolonged skin contact may cause temporary irritation.         Serious eye damage/eye       Causes serious eye irritation.         Respiratory or skin sensitization       Not a respiratory sensitization         Respiratory sensitization       This product is not expected to cause skin sensitization.         Skin sensitization       This product is not expected to cause skin sensitization.	Other			
Mouse4100 mg/kgRabbit1826 mg/kgRat2131 mg/kgSulfaquinoxaline (CAS 59-40-5)KatAcute Oral LD50MouseNouse15 g/kgRat> 1 g/kg* Estimates for product may bested on additional component data not shown.Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Serious eye damage/eye rritationProlonged skin contact may cause temporary irritation.Respiratory or skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a cause scious eye conduct or any components present at greater than 0.1% are mutagenic or genotoxic.	LD50	Guinea pig	3556 mg/kg	
Rabit1826 mg/kgRat2131 mg/kgSufacute Oral LD50MouseRat15 g/kgRat15 g/kgRat19 g/kg* Estimates for product may beet on additional component data not shown.Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Respiratory or skin sensitizationCauses serious eye irritation.Respiratory sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationThis product is not expected to cause skin sensitization.Skin sensitizationThis product is not expected to cause skin sensitization.Skin sensitizationNot ar available to indicate product or any components present at greater than 0.1% are nutagenic or genotoxic.		Hamster	8555 mg/kg	
Rat2131 mg/kgSulfaquinoxaline (CAS 59-40-5)AcuteAcuteImage: Case of the second secon		Mouse	4100 mg/kg	
Sulfaquinoxaline (CAS 59-40-5) Acute Oral LD50 Mouse Rat Sulfaquinoxaline (CAS 59-40-5) Rat Polonged skin contact may cause temporary irritation. Serious eye damage/eye Causes serious eye irritation. Respiratory or skin sensitization Respiratory sensitization Not a respiratory sensitization Si no data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		Rabbit	1826 mg/kg	
Acute Oral LD50       Mouse       15 g/kg         kat       > 1 g/kg         * Estimates for product may be based on additional component data not shown.       > 1 g/kg         Skin corrosion/irritation       Prolonged skin contact may cause temporary irritation.         Serious eye damage/eye rritation       Causes serious eye irritation.         Respiratory or skin sensitization       Not a respiratory sensitizer.         Respiratory sensitization       Not a respiratory sensitizer.         Skin sensitization       This product is not expected to cause skin sensitization.         Skin sensitization       Not a respiratory sensitizer.         Not a respiratory sensitization       Not a respiratory sensitizer.         Skin sensitization       This product is not expected to cause skin sensitization.         Stin sensitization       Not aa vaailable to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		Rat	2131 mg/kg	
Acute Oral LD50       Mouse       15 g/kg         kat       > 1 g/kg         * Estimates for product may be based on additional component data not shown.       > 1 g/kg         Skin corrosion/irritation       Prolonged skin contact may cause temporary irritation.         Serious eye damage/eye rritation       Causes serious eye irritation.         Respiratory or skin sensitization       Not a respiratory sensitizer.         Respiratory sensitization       Not a respiratory sensitizer.         Skin sensitization       This product is not expected to cause skin sensitization.         Skin sensitization       Not a respiratory sensitizer.         No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	Sulfaquinoxaline (CAS 59-40-5)			
LD50Mouse15 g/kgRat> 1 g/kg* Estimates for product may based on additional component data not shown.> 1 g/kgSkin corrosion/irritationProlonged skin contact may cause temporary irritation.Skin corrosion/irritationCauses serious eye irritation.Respiratory or skin sensitizationNot a respiratory sensitizer.Respiratory sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot arespiratory sensitizer.Skin sensiti				
Rat> 1 g/kg* Estimates for product may be based on additional component data not shown.Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Serious eye damage/eye rritationCauses serious eye irritation.Respiratory or skin sensitization Respiratory sensitizationNot a respiratory sensitizer.Skin sensitization Skin sensitizationNot a respiratory sensitizer.Skin sensitization Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	Oral			
* Estimates for product may be based on additional component data not shown.Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Serious eye damage/eye trritationCauses serious eye irritation.Respiratory or skin sensitization Skin sensitizationNot a respiratory sensitizer.Skin sensitization Germ cell mutagenicityNot aavailable to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	LD50	Mouse	15 g/kg	
Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Serious eye damage/eye irritationCauses serious eye irritation.Respiratory or skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationThis product is not expected to cause skin sensitization.Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		Rat	> 1 g/kg	
Skin corrosion/irritationProlonged skin contact may cause temporary irritation.Serious eye damage/eye rritationCauses serious eye irritation.Respiratory or skin sensitizationNot a respiratory sensitizer.Skin sensitizationNot a respiratory sensitizer.Skin sensitizationThis product is not expected to cause skin sensitization.Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	* Estimates for product may	he based on additional component data not	shown	
Serious eye damage/eye irritationCauses serious eye irritation.Respiratory or skin sensitization Respiratory sensitization Skin sensitizationNot a respiratory sensitizer.Skin sensitization Germ cell mutagenicityNot a available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.		•		
Intritation       Respiratory or skin sensitization         Respiratory sensitization       Not a respiratory sensitizer.         Skin sensitization       This product is not expected to cause skin sensitization.         Germ cell mutagenicity       No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.				
Respiratory sensitizationNot a respiratory sensitizer.Skin sensitizationThis product is not expected to cause skin sensitization.Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	irritation			
Skin sensitizationThis product is not expected to cause skin sensitization.Germ cell mutagenicityNo data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	Respiratory or skin sensitization	on		
Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	<b>Respiratory sensitization</b>			
mutagenic or genotoxic.	Skin sensitization	This product is not expected to cause ski	This product is not expected to cause skin sensitization.	
Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	Germ cell mutagenicity			
	Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.		

US. OSHA Specifically Regu	lated Substances (29 CFR 1910.1001-1050)
Not listed.	
Reproductive toxicity	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity - single exposure	Causes damage to organs.
Specific target organ toxicity - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Causes damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful.

### 12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.			
Components		Species	Test Results	
Methanol (CAS 67-56-1)				
Aquatic				
Crustacea	EC50	Water flea (Daphnia magna)	> 10000 mg/l, 48 hours	
Fish	LC50	Fathead minnow (Pimephales promelas)	> 100 mg/l, 96 hours	

\* Estimates for product may be based on additional component data not shown.

Persistence and degradability	No data is available on the degradability of this product.	
Bioaccumulative potential		
Partition coefficient n-octa Methanol	nol / water (log Kow) -0.77	
Mobility in soil	No data available.	
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	

### 13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

00	1			
	UN number	UN1230		
	UN proper shipping name	Methanol, solution (Methanol RQ = 5001 LBS)		
	Transport hazard class(es)			
	Class	3		
	Subsidiary risk	-		
	Label(s)	3		
	Packing group	11		
	Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.		
	Special provisions	IB2, T7, TP2		
	Packaging exceptions	150		
	Packaging non bulk	202		
	Packaging bulk	242		
ΙΑΤ	Α			
	UN number	UN1230		

UN proper shipping name	Methanol solution (Methanol)
Transport hazard class(es)	
Class	3
Subsidiary risk	6.1(PGI, II)
Packing group	
Environmental hazards	No.
ERG Code	3L Read safety instructions, SDS and emergency procedures before handling.
Other information	Read salety instructions, SDS and emergency procedures before handling.
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
IMDG	
UN number	UN1230
UN proper shipping name	METHANOL SOLUTION (Methanol)
Transport hazard class(es)	
Class	3
Subsidiary risk	6.1(PGI, II)
Packing group	I
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D
Transport in bulk according to	Read safety instructions, SDS and emergency procedures before handling. Not established.
Annex II of MARPOL 73/78 and the IBC Code	Not established.
DOT	
FLAMMABLE 3	
IATA; IMDG	$\wedge$
	6
15. Regulatory information	
US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export N	lotification (40 CFR 707, Subpt. D)
Not regulated.	
CERCLA Hazardous Substar	nce List (40 CFR 302.4)
Methanol (CAS 67-56-1)	Listed.
SARA 304 Emergency releas	e notification
Not regulated.	
-	

US. OSHA Specifically Regu Not listed.	ilated Substances (29 CFR	1910.1001-1050)		
Superfund Amendments and Re Hazard categories	authorization Act of 1986 Immediate Hazard - Yes Delayed Hazard - Yes Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No	(SARA)		
SARA 302 Extremely hazard Not listed.	lous substance			
SARA 311/312 Hazardous chemical	No			
SARA 313 (TRI reporting) Chemical name		CAS number	% by wt.	
Methanol		67-56-1	99 - 100	
Other federal regulations				
Clean Air Act (CAA) Section Methanol (CAS 67-56-1) Clean Air Act (CAA) Section Not regulated.			68.130)	
Safe Drinking Water Act (SDWA)	Not regulated.			
US state regulations				
US - New Jersey RTK - Subs	stances: Listed substance			
Methanol (CAS 67-56-1) US. California Controlled Su	ibstances. CA Department	of Justice (California	a Health and Safety Co	ode Section 11100)
Not listed. US. California. Candidate Cl (a))	nemicals List. Safer Consu	imer Products Regula	ations (Cal. Code Regs	s, tit. 22, 69502.3, subd.
Methanol (CAS 67-56-1) US. Massachusetts RTK - S	ubstance List			
Methanol (CAS 67-56-1) US. New Jersey Worker and	Community Right-to-Know	w Act		
Methanol (CAS 67-56-1) US. Pennsylvania RTK - Haz Methanol (CAS 67-56-1)	ardous Substances			
Methanol (CAS 67-56-1) US. Pennsylvania Worker ar	nd Community Right-to-Kn	low Law		
Methanol (CAS 67-56-1) US. Rhode Island RTK	······································			
Methanol (CAS 67-56-1)				
US. California Proposition 6	<b>5</b> contains a chemical known t	to the State of Californ	ia to cause birth defects	or other reproductive
harm. <b>US - California Proposit</b>	ion 65 - CRT: Listed date/I	Developmental toxin		
Methanol (CAS 67-5	6-1)	Listed: March 16	, 2012	
International Inventories				
Country(s) or region	Inventory name			On inventory (yes/no)*
Australia	Australian Inventory of Ch	emical Substances (Al	CS)	Yes
Canada	Domestic Substances List	(DSL)		No
Canada	Non-Domestic Substances	s List (NDSL)		Yes
China	Inventory of Existing Cher	nical Substances in Ch	nina (IECSC)	No
Europe	European Inventory of Exi Substances (EINECS)	sting Commercial Che	mical	Yes
Europe	European List of Notified (	Chemical Substances (	(ELINCS)	No
Japan	Inventory of Existing and I	New Chemical Substar	nces (ENCS)	Yes

Country(s) or region	Inventory name	On inventory (yes/no)*
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### 16. Other information, including date of preparation or last revision

Issue date	07-09-2015
Version #	01
NFPA ratings	Health: 4 Flammability: 3 Instability: 0
Disclaimer	The above information is believed to be correct on the date it was last revised and must not be considered all inclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. OSHA regulations require that if other hazards become evident, an upgraded SDS must be made available to the employee within three months. RESPONSIBILITY for updates lies with the employer and not with CHEM SERVICE, Inc.
	Persons not specifically and properly trained should not handle this chemical or its container. This product is furnished FOR LABORATORY USE ONLY! Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticide products, food additives or as household chemicals.
	This Safety Data Sheet (SDS) is intended only for use with Chem Service, Inc. products and should not be relied on for use with materials from any other supplier even if the chemical name(s) on the product are identical! Whenever using an SDS for a solution or mixture the user should refer to the SDS for every component of the solution or mixture. Chem Service warrants that this SDS is based upon the most current information available to Chem Service at the time it was last revised. THIS WARRANTY IS EXCLUSIVE, AND CHEM SERVICE, INC. MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. This SDS is provided gratis and CHEM SERVICE, INC. SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR CONTINGENT DAMAGES.
	Copyright © 2000-2014 Chem Service, Inc. All rights reserved except that this SDS may be printed for the use of a customer or prospective customer of Chem Service, Inc provided the entire SDS is printed. The SDS may not be placed in any database or otherwise stored or distributed in electronic or any other form.
	This product is furnished FOR LABORATORY USE ONLY.