

SAFETY DATA SHEET

1. Identification

Product identifier	CERIC SULFATE, SOLUTION, 0.2500 N		
Other means of identification			
Product code	716		
Recommended use	professional, scientific and technical activities: other professional, scientific and technical activities		
Recommended restrictions	None known.		
Manufacturer/Importer/Suppl	ier/Distributor information		
Manufacturer			
Company name	GFS Chemicals, Inc.		
Address	P.O. Box 245		

P.O. Box 245		
740-881-5501		
800-858-9682		
740-881-5989		
n		
.com		
Chemtrec 800-424-9300		
•		

2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
Environmental hazards	Not classified.	
OSHA defined hazards	Not classified.	

Label elements



Signal word	Warning		
Hazard statement	Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation.		
Precautionary statement			
Prevention	Wear eye/face protection. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves.		
Response	IF ON SKIN: Wash with plenty of soap and water. 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. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention.		
Storage	Store in a well-ventilated place. Keep container tightly closed. Store locked up.		
Disposal	Not available.		
Hazard(s) not otherwise classified (HNOC)	None known.		
Supplemental information	None.		

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
WATER		7732-18-5	80 - < 90

Chemical name	Common name and synonyms	CAS number	%
CERIC SULFATE	TETRASULFATOCERIC ACID CERIC BISULFATE SULFATOCERIC ACID	17106-39-7	10 - < 20
SULFURIC ACID		7664-93-9	5 - < 10

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

4. First-aid measures	
Inhalation	Move to fresh air. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing. Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice/attention.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
Most important symptoms/effects, acute and delayed	Irritation of eyes and mucous membranes. Irritant effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Unsuitable extinguishing media	Use extinguishing agent suitable for type of surrounding fire. Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	In the event of fire oxides of sulfur may be formed.
Special protective equipment and precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
Fire fighting equipment/instructions	Move containers from fire area if you can do it without risk.

6. Accidental release measures

V. Accidental release med	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Keep upwind. Keep out of low areas. Ensure adequate ventilation. Wear appropriate personal protective equipment.
Methods and materials for containment and cleaning up	Should not be released into the environment. This product is miscible in water. Prevent entry into waterways, sewers, basements or confined areas.
	Large Spills: Stop leak if you can do so without risk. Prevent entry into waterways, sewer, basements or confined areas. Dike the spilled material, where this is possible. Neutralize spilled material with crushed limestone, soda ash or lime. Flush into sewer with plenty of water. Clean contaminated surface thoroughly. Clean up in accordance with all applicable regulations.
	Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
Environmental precautions	Never return spills in original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground. Prevent further leakage or spillage if safe to do so. Do not contaminate water.
7. Handling and storage	
Precautions for safe handling	Avoid breathing mist or vapor. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged

Conditions for safe storage,

including any

incompatibilities

exposure. Wash hands thoroughly after handling. Avoid contact with skill. Avoid contact with eyes. Avoid prolonged exposure. Wash hands thoroughly after handling. Avoid release to the environment. Keep container tightly closed. Keep out of the reach of children. Store in a cool, dry place out of direct sunlight.

8. Exposure controls/personal protection

Occupational exposure limits

Components	Туре	Value		
SULFURIC ACID (CAS 7664-93-9)	PEL	1 mg/m3		
US. ACGIH Threshold Lim	it Values			
Components	Туре	Value	Form	
SULFURIC ACID (CAS 7664-93-9)	TWA	0.2 mg/m3	Thoracic fraction.	
US. NIOSH: Pocket Guide	to Chemical Hazards			
Components	Туре	Value		
SULFURIC ACID (CAS 7664-93-9)	TWA	1 mg/m3		
iological limit values	No biological exposure limits noted	for the ingredient(s).		
ppropriate engineering ontrols	Good general ventilation (typically 1 be matched to conditions. If applica engineering controls to maintain airl limits have not been established, ma safety shower must be available in t	ble, use process enclosures, loc borne levels below recommende aintain airborne levels to an acc	al exhaust ventilation, or other ed exposure limits. If exposure	
ndividual protection measur	es, such as personal protective equ	uipment		
Eye/face protection	Chemical goggles are recommended	I.		
Skin protection				
Hand protection	Wear protective gloves.	Wear protective gloves.		
Other	Wear appropriate chemical resistant	Wear appropriate chemical resistant clothing. Wear protective gloves.		
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment. None required where adequate ventilation conditions exist.			
Thermal hazards	Not available.	Not available.		
eneral hygiene onsiderations	Avoid contact with eyes. Avoid contaches handling the product. Keep away fro			

9. Physical and chemical properties

9. Physical and chem	lical properties		
Appearance	Clear.		
Physical state	Liquid.		
Form	Aqueous solution		
Color	Yellow-orange.		
Odor	Odorless.		
Odor threshold	Not available.		
рН	< 1		
Melting point/freezing po	int < 32 °F (< 0 °C)		
Initial boiling point and boiling range	> 212 °F (> 100	°C)	
Flash point	Not available.		
Evaporation rate	Not available.		
Flammability (solid, gas)	Not available.		
Upper/lower flammability	or explosive limits		
Flammability limit - lo (%)	wer Not available.		
Flammability limit - upper (%)	Not available.		
Explosive limit - lowe (%)	r Not available.		
Explosive limit - uppe (%)	r Not available.		
Vapor pressure	Not available.		
Vapor density	Not available.		
Material name: CERIC SULFATE	, SOLUTION, 0.2500 N		
716 V	ersion #: 02	Revision date: September-22-2015	Issue date: September-26-2013

Relative density	Not available.	
Solubility(ies)		
Solubility (water)	Completely miscible	
Partition coefficient (n-octanol/water)	Not available.	
Auto-ignition temperature	Not available.	
Decomposition temperature	Not available.	
Viscosity	Not available.	
Other information		
Density	1.162 g/cm3	
Molecular formula	H4Ce(SO4)4	
Molecular weight	528.43	
Specific gravity	1.16	

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Reacts violently with strong alkaline substances. This product may react with reducing agents. Do not mix with other chemicals.
Incompatible materials	Incompatible with bases. This product may react with reducing agents. Contact with metals may evolve flammable hydrogen gas.
Hazardous decomposition products	May include oxides of sulphur.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May cause irritation to the respiratory system.
Skin contact	Not available.
Eye contact	Causes serious eye irritation.
Ingestion	Based on available data, the classification criteria are not met.
Symptoms related to the physical, chemical and toxicological characteristics	Irritant effects.

Information on toxicological effects

Acute toxicity		
Product	Species	Test Results
CERIC SULFATE, SOLUTION, 0.2	2500 N (CAS Mixture)	
Acute		
Inhalation		
LC50	Guinea pig	0.32 mg/l
		0.24 mg/l, 8 Hours estimated
	Rat	4626.6665 mg/l, 1 Hours estimated
Components	Species	Test Results
SULFURIC ACID (CAS 7664-93-9))	
Acute		
Inhalation		
LC50	Guinea pig	0.03 mg/l, 8 Hours
		0.018 mg/l, 8 Hours
	Rat	347 mg/l, 1 Hours
* Estimates for product may	y be based on additional component data not shov	vn.
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	

Respiratory or skin sensitization	on
Respiratory sensitization	Due to lack of data the classification is not possible.
Skin sensitization	Due to lack of data the classification is not possible.
Germ cell mutagenicity	Due to lack of data the classification is not possible.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
IARC Monographs. Overall	Evaluation of Carcinogenicity
Not available. US. National Toxicology Pr	rogram (NTP) Report on Carcinogens
Not available.	
Reproductive toxicity	Due to lack of data the classification is not possible.
Specific target organ toxicity - single exposure	Respiratory tract irritation.
Specific target organ toxicity - repeated exposure	Not applicable.
Aspiration hazard	Due to lack of data the classification is not possible.
Chronic effects	Prolonged inhalation may be harmful.

12. Ecological information

Ecotoxicity

Components of this product are hazardous to aquatic life. Because of the low pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

Product		Species	Test Results
CERIC SULFATE, SOL	UTION, 0.2500 N (0	CAS Mixture)	
Aquatic			
Fish	LC50	Fish	560 mg/l, 96 hours estimated
Components		Species	Test Results
SULFURIC ACID (CAS	7664-93-9)		
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	42 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	Not available.
Mobility in soil	Not available.
Other adverse effects	Not available.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Neutralize with soda ash/slaked lime and discharge to sewer with lots of water. Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazardous waste code	D002: Waste Corrosive material [pH ≤ 2 or ≥ 12.5 , or corrosive to steel]
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	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. Transport information

UN2796
Sulfuric acid with not more than 51% acid
8
-
8
II

Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions Packaging exceptions Packaging non bulk Packaging bulk	A3, A7, B2, B15, IB2, N6, N34, T8, TP2, TP12 154 202 242
IATA	
UN number	UN2796
UN proper shipping name	Sulphuric acid with 51% or less acid
Transport hazard class(es	•
Class	8
Subsidiary risk	-
Packing group	II
Environmental hazards	No.
ERG Code	8L
Special precautions for	Not available.
user	
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
IMDG	
UN number	UN2796
UN proper shipping name	SULPHURIC ACID with not more than 51% acid
Transport hazard class(es	
Class	8
Subsidiary risk	-
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-A, S-B
Special precautions for user	Not available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This substance/mixture is not intended to be transported in bulk.
DOT	

DOT



IATA; IMDG



15. Regulatory information

US federal regulations

All components are on the U.S. EPA TSCA Inventory List. This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Not regulated.	xport Notificatio	· · ·			
CERCLA Hazardous S	-) CFR 302.4)	Listed.		
SULFURIC ACID (CAS 7664-93-9) SARA 304 Emergency release notification		LISIEU.			
SULFURIC ACID (C			1000 LBS		
Superfund Amendments		tion Act of 198			
Hazard categories		Hazard - Yes azard - No I - No azard - No			
SARA 302 Extremely	hazardous subst	ance			
Chemical name	CAS number	Reportable quantity	Threshold planning quantity	Threshold planning quantity, lower value	Threshold planning quantity, upper value
SULFURIC ACID	7664-93-9	1000	1000 lbs		
SARA 311/312 Hazardous chemical	No				
SARA 313 (TRI repor Chemical name	ting)		CAC much on	0/ h	
			CAS number	% by wt. 5 - < 10	
SULFURIC ACID			7664-93-9	5 - < 10	
Other federal regulations Clean Air Act (CAA) S					
Not regulated. Clean Air Act (CAA) S Not regulated.	ection 112(r) Ac	cidental Releas	e Prevention (40 CF	R 68.130)	
Safe Drinking Water ((SDWA)	Act Not regulat	ed.			
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACI	nt Administration de Number D (CAS 7664-93-9)	(DEA). List 2,	Essential Chemicals		
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACI Drug Enforcemer	nt Administration de Number D (CAS 7664-93-9) nt Administration	(DEA). List 2, (DEA). List 1 8	6552 a 2 Exempt Chemica		
(SDWA) Drug Enforcemer and Chemical Cod SULFURIC ACI Drug Enforcemer SULFURIC ACI DEA Exempt Chem	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co	(DEA). List 2, (DEA). List 1 8	6552 2 Exempt Chemica 20 %WV		
(SDWA) Drug Enforcemen and Chemical Coo SULFURIC ACI Drug Enforcemen SULFURIC ACI DEA Exempt Cher SULFURIC ACI	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9)	(DEA). List 2, (DEA). List 1 8 ode Number	6552 2 Exempt Chemica 20 %WV 6552	Mixtures (21 CFR	1310.12(c))
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Ches SULFURIC ACH	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch	6552 2 Exempt Chemical 20 %WV 6552 rer and Toxic Enforcem nemicals currently listed	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material is productive toxins.
(SDWA) Drug Enforcemer and Chemical Coo SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Cher SULFURIC ACH US state regulations US. California Coo 11100)	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch	6552 2 Exempt Chemical 20 %WV 6552 rer and Toxic Enforcem	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material is productive toxins.
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Ches SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substance	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu	6552 2 Exempt Chemical 20 %WV 6552 rer and Toxic Enforcem nemicals currently listed	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material is productive toxins.
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Cher SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Comm	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material is productive toxins.
(SDWA) Drug Enforcemer and Chemical Coo SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Cher SULFURIC ACH US state regulations US. California Coo 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Comm D (CAS 7664-93-9)	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali -Know Act	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material is productive toxins.
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Cher SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH	t Administration de Number D (CAS 7664-93-9) t Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Com D (CAS 7664-93-9) Worker and Con D (CAS 7664-93-9) Worker and Con D (CAS 7664-93-9)	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali -Know Act	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material is productive toxins.
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Cher SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH US. Rhode Island SULFURIC ACH	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Ca D (CAS 7664-93-9) California S not known ntrolled Substand D (CAS 7664-93-9) Vorker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) Morker and Comm D (CAS 7664-93-9)	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali -Know Act	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material is productive toxins.
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Chea SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH US. Rhode Island SULFURIC ACH US. California Propos Not Listed.	nt Administration de Number D (CAS 7664-93-9) nt Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9)	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali -Know Act	Mixtures (21 CFR ent Act of 1986 (Prop d as carcinogens or re	1310.12(c)) osition 65): This material i productive toxins.
(SDWA) Drug Enforcemer and Chemical Coo SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Cher SULFURIC ACH US state regulations US. California Coo 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH US. Rhode Island SULFURIC ACH US. California Propos Not Listed.	t Administration de Number D (CAS 7664-93-9) t Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substano ts RTK - Substano D (CAS 7664-93-9) Vorker and Com D (CAS 7664-93-9) Worker and Com D (CAS 7664-93-9) Worker and Com D (CAS 7664-93-9) Worker and Com D (CAS 7664-93-9) I RTK D (CAS 7664-93-9) I RTK	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali -Know Act	I Mixtures (21 CFR and a carcinogens or re fornia Health and S	1310.12(c)) osition 65): This material i productive toxins.
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Cher SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH US. Rhode Island SULFURIC ACH US. California Propos Not Listed. International Inventories Country(s) or region	t Administration de Number D (CAS 7664-93-9) t Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Com D (CAS 7664-93-9) Worker and Com D (CAS 7664-93-9) Worker and Com D (CAS 7664-93-9) Morker and Com D (CAS 7664-93-9) Morker and Com D (CAS 7664-93-9) Morker and Com D (CAS 7664-93-9) Morker and Com	(DEA). List 2, 1 (DEA). List 1 & ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-	6552 2 Exempt Chemical 20 %WV 6552 rer and Toxic Enforcem hemicals currently listed ment of Justice (Cali -Know Act to-Know Law	ent Act of 1986 (Prop d as carcinogens or re fornia Health and S	1310.12(c)) osition 65): This material i productive toxins. afety Code Section
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Chea SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH US. Rhode Island SULFURIC ACH US. California Propos Not Listed. International Inventories Country(s) or region Australia	t Administration de Number D (CAS 7664-93-9) t Administration D (CAS 7664-93-9) mical Mixtures Ca D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9) Norker and Comm D (CAS 7664-93-9) Sition 65	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali -Know Act to-Know Law	ent Act of 1986 (Prop d as carcinogens or re fornia Health and S	1310.12(c)) osition 65): This material i productive toxins. Fafety Code Section On inventory (yes/no) [*]
(SDWA) Drug Enforcemer and Chemical Cod SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Chen SULFURIC ACH US state regulations US. California Cod 11100) Not listed. US. Massachuset SULFURIC ACH US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH US. Rhode Island SULFURIC ACH US. California Propos Not Listed. International Inventories Country(s) or region Australia Canada	t Administration de Number D (CAS 7664-93-9) t Administration D (CAS 7664-93-9) mical Mixtures Ca D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Comm D (CAS 7664-93-9) Vorker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) Worker and Comm D (CAS 7664-93-9) I RTK D (CAS 7664-93-9) S Inventory Australian I Domestic S	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right- for name Inventory of Cher Jubstances List (D	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali A-Know Act to-Know Law mical Substances (AICS DSL)	ent Act of 1986 (Prop d as carcinogens or re fornia Health and S	1310.12(c)) osition 65): This material i productive toxins. Safety Code Section On inventory (yes/no)* No No
(SDWA) Drug Enforcemer and Chemical Co SULFURIC ACH Drug Enforcemer SULFURIC ACH DEA Exempt Chea SULFURIC ACH US state regulations US. California Co 11100) Not listed. US. Massachuset SULFURIC ACH US. New Jersey V SULFURIC ACH US. Pennsylvania SULFURIC ACH US. Rhode Island SULFURIC ACH US. California Propos Not Listed. International Inventories Country(s) or region Australia	Administration de Number D (CAS 7664-93-9) Administration D (CAS 7664-93-9) mical Mixtures Co D (CAS 7664-93-9) California S not known ntrolled Substand ts RTK - Substand D (CAS 7664-93-9) Vorker and Com D (CAS 7664-93-9) Worker and Com D (CAS 7664-93-9) Worker and Com D (CAS 7664-93-9) Morker and Com	(DEA). List 2, 1 (DEA). List 1 8 ode Number Gafe Drinking Wat to contain any ch ces. CA Departu ce List nunity Right-to nmunity Right-to nmunity Right-to stic Substances List (Distances List (Distances List))	6552 2 Exempt Chemical 20 %WV 6552 ter and Toxic Enforcem hemicals currently listed ment of Justice (Cali A-Know Act to-Know Law mical Substances (AICS DSL)	ent Act of 1986 (Prop d as carcinogens or re fornia Health and S	1310.12(c)) osition 65): This material i productive toxins.

Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
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	September-26-2013
Revision date	September-22-2015
Version #	02
Disclaimer	The information in the sheet was written based on the best knowledge and experience currently available. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.