SAFETY DATA SHEET



1. Identification

Product identifier	Brandt T.A.C.	
Other means of identification		
Product code	14003	
Recommended use	Algaecide/bactericide	
Recommended restrictions	Refer to product label.	
Manufacturer/Importer/Supplier/	Distributor information	
Manufacturer		
Company name Address	Brandt Consolidated, Inc. 2935 South Koke Mill Road Springfield, IL 62711 United States	
Telephone Website	Corporate Office www.brandt.co	1-217-547-5800
E-mail	msds@brandt.co	
Contact person	EH&S / Regulatory Departm	ent
Emergency phone number	CHEMTREC (24 hours): USA, Canada, Puerto Rico Virgin Islands International Maritime	1-800-424-9300 1-800-424-9300 +1 (703) 527-3887
2. Hazard(s) identification		
Physical hazards	Not classified.	

Not classified.	
Acute toxicity, oral	Category 4
Serious eye damage/eye irritation	Category 1
Not classified.	
Not classified.	
	Acute toxicity, oral Serious eye damage/eye irritation Not classified.

Label elements



Signal word	Danger	
Hazard statement	Harmful if swallowed. Causes serious eye damage.	
Precautionary statement		
Prevention	Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear eye protection/face protection.	
Response	If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.	
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	%
Sulfuric Acid		7664-93-9	7.5-8*
Material name: Brandt T.A.C.			SDS US

Chemical name	Common name and synonyms	CAS number	%
Proprietary Ingredients		N/A	2
Copper Sulfate (pentahydrate)		7758-99-8	20-<30*
4. First-aid measures			
Inhalation	Move to fresh air. Call a physician if symptom	s develop or persist.	
Skin contact	Wash off with soap and water. Get medical at	tention if irritation develops ar	id persists.
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 immediately.		
Ingestion	Rinse mouth. If vomiting occurs, keep head lo Get medical advice/attention if you feel unwel		esn't get into the lungs
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.		
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.		
General information	Ensure that medical personnel are aware of the protect themselves. Show this safety data she		
5. Fire-fighting measures			
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carb	on dioxide (CO2).	
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as th	is will spread the fire.	
Specific hazards arising from the chemical	During fire, gases hazardous to health may be	e formed.	
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full pr	otective clothing must be wor	n in case of fire.
Fire fighting equipment/instructions	Move containers from fire area if you can do s	so without risk.	
Specific methods	Use standard firefighting procedures and cons	sider the hazards of other invo	lved materials.
General fire hazards	No unusual fire or explosion hazards noted.		
6. Accidental release meas	sures		
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep per appropriate protective equipment and clothing or spilled material unless wearing appropriate Local authorities should be advised if significat protection, see section 8 of the SDS.	during clean-up. Do not touc protective clothing. Ensure ac	h damaged containers dequate ventilation.
Methods and materials for containment and cleaning up	This material is classified as a water pollutant from contaminating soil or from entering sewa Should not be released into the environment.	under the Clean Water Act ar ige and drainage systems whi	nd should be prevente ch lead to waterways.
	Large Spills: Stop the flow of material, if this is possible. Absorb in vermiculite, dry sand or earecovery, flush area with water.		
	Small Spills: Wipe up with absorbent material remove residual contamination.	(e.g. cloth, fleece). Clean surf	ace thoroughly to
Environmental precautions	Never return spills to original containers for re Prevent further leakage or spillage if safe to d drains, water courses or onto the ground.		
7. Handling and storage			
Precautions for safe handling	Do not get this material in contact with eyes. I When using, do not eat, drink or smoke. Provi protective equipment. Wash hands thoroughly practices.	ide adequate ventilation. Wea	r appropriate persona

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

Store in secured area away from children, feed, and other food products. Store in original container. Store in a well-ventilated area. Storage temperature: 40 F to 100 F.

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

US. OSHA Table Z-1 Limits Components	for Air Contaminants (29 CFR 1910.1000 Type)) Value		
Sulfuric Acid (CAS 7664-93-9)	PEL	1 mg/m3		
US. ACGIH Threshold Limit	Values			
Components	Туре	Value	Form	
Sulfuric Acid (CAS 7664-93-9)	TWA	Thoracic fraction.		
US. NIOSH: Pocket Guide to	Chemical Hazards			
Components	Туре	Value		
Sulfuric Acid (CAS 7664-93-9)	TWA	1 mg/m3		
Biological limit values	No biological exposure limits noted for th	ne ingredient(s).		
Appropriate engineering controls	Good general ventilation should be used applicable, use process enclosures, loca maintain airborne levels below recomme established, maintain airborne levels to	al exhaust ventilation, or oth ended exposure limits. If exp	er engineering controls to osure limits have not been	
Individual protection measures, Eye/face protection	such as personal protective equipment Wear safety glasses with side shields (or		L	
Skin protection				
Hand protection	Wear appropriate chemical resistant glo	ves.		
Other	Wear appropriate chemical resistant clothing.			
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.			
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.			
General hygiene considerations	Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.			
9. Physical and chemical	properties			
Appearance	Liquid. Clear.			
Physical state	Liquid.			
Form	Liquid.			
Color	Blue			
Odor	Odorless.			
Odor threshold	Not available.			
рН	< 1			
Melting point/freezing point	Not available.			
Initial boiling point and boiling range	220 °F (104.44 °C)			
Flash point	Not available.			
Evaporation rate	Not available.			
Flammability (solid, gas)	Not applicable.			
Upper/lower flammability or exp	losive limits			
Flammability limit - lower (%)	Not available.			

Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	< 0.1 mm Hg
Vapor density	1
Relative density	1.2 g/cm3 (typical)
Solubility(ies)	
Solubility (water)	100 %
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	2.15 g/cm3 estimated
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
Percent volatile	70 % estimated
Pounds per gallon	10.03 lb/gal (typical)
Specific gravity	2.15 estimated

10. Stability and reactivity

Reactivity	Reacts violently with strong alkaline substances. This product may react with reducing agents.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials. Do not mix with other chemicals.
Incompatible materials	Bases. Reducing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Knowledge about health hazard is incomplete.
Eye contact	Causes serious eye damage.
Ingestion	Harmful if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity	Harmful if swallowed.	
Product	Species	Test Results
Brandt T.A.C.		
Acute		
Inhalation		
LC50	Rat	4338 mg/l, 1 Hours
Oral		
LD50	Rat	1554 mg/kg
Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.	
Serious eye damage/eye irritation	Causes serious eye damage.	

12. Ecological information

Ecotoxicity

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
Brandt T.A.C.			
Aquatic			
Crustacea	EC50	Daphnia	39.521 mg/l, 48 hours estimated
Fish	LC50	Fish	3.2794 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
ersistence and degradability	No data is	available on the degradabil	ity of any ingredients in the mixture.
ioaccumulative potential	No data a	vailable.	
obility in soil	No data a	vailable.	
ther 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.		
3. Disposal consideration	ons		
isposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not allow this material to drain into sewers/water supplies. Dispose of contents/container in accordance with local/regional/national/international regulations.		
ocal disposal regulations	Dispose in accordance with all applicable regulations.		
azardous waste code	D002: Waste Corrosive material [pH <=2 or =>12.5, or corrosive to steel] The waste code should be assigned in discussion between the user, the producer and the waste disposal company.		
/aste from residues / unused roducts	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).		
ontaminated 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.	
4 Transport information	•		

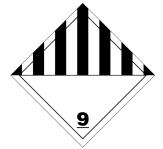
14. Transport information

DOT

UN number	UN3082
-----------	--------

UN proper shipping name	LBS), MARINE POLLUTANT
Transport hazard class(e	s)
Class	9
Subsidiary risk	-
Label(s)	9
Packing group	
Environmental hazards	
Marine pollutant	Yes
Special precautions for u	ser Read safety instructions, SDS and emergency procedures before handling.
Special provisions	8, 146, 335, IB3, T4, TP1, TP29
Packaging exceptions	155
Packaging non bulk	203
Packaging bulk	241
IMDG Regulated Marine Po	ollutant. DOT Regulated Marine Pollutant.
ΙΑΤΑ	
UN number	UN3082
UN proper shipping name	e Environmentally hazardous substances, liquid, n.o.s. (Copper Sulfate (pentahydrate))
Transport hazard class(es	s)
Class	9
Subsidiary risk	-
Label(s)	9
Packing group	III
Environmental hazards	Yes
Special precautions for u	ser Read safety instructions, SDS and emergency procedures before handling.
IMDG	
UN number	UN3082
UN proper shipping name	 Environmentally hazardous substances, liquid, n.o.s. (Copper Sulfate (pentahydrate)), MARINE POLLUTANT
Transport hazard class(es	s)
Class	9
Subsidiary risk	-
Label(s)	9
Packing group	III
Environmental hazards	
Marine pollutant	Yes
EmS	Not available.
Special precautions for u	ser Read safety instructions, SDS and emergency procedures before handling.

DOT; IATA; IMDG



Marine pollutant



	IMDG Regu	ulated Marine Po	ollutant. DOT Regulated	d Marine Pollutant.		
15. Regulatory informa	ation					
US federal regulations		t is a "Hazardou	us Chemical" as defined	d by the OSHA Hazard	Communication	
5		Standard, 29 CFR 1910.1200.				
Toxic Substances Cont	. ,					
TSCA Section 12(b) Not regulated.) Export Notificat	ion (40 CFR 70	7, Subpt. D)			
CERCLA Hazardous Su	-	CFR 302.4)				
Sulfuric Acid (CAS 70 SARA 304 Emergency r	elease notificatio	on	Listed.			
SULFURIC ACID (C/ OSHA Specifically Regu Not listed.	,	s (29 CFR 1910	1000 LBS 9. 1001-1053)			
Superfund Amendments and	d Reauthorizatio	n Act of 1986 (S	SARA)			
SARA 302 Extremely ha		-				
Chemical name	CAS number	Reportable quantity (pounds)	Threshold planning quantity (pounds)	Threshold planning quantity, lower value (pounds)	Threshold planning quantity, upper value (pounds)	
Sulfuric Acid	7664-93-9	1000	1000			
SARA 311/312 Hazardou chemical	u s Yes					
Classified hazard categories		ity (any route of e damage or eye				
SARA 313 (TRI reporting	g)					
Chemical name		CAS number		0/ by wt		
0.16		_		% by wt.		
Sulfuric Acid		7	7664-93-9	7.5-8		
Other federal regulations			7664-93-9	-		
Other federal regulations Clean Air Act (CAA) Sec	ction 112 Hazardo		7664-93-9	-		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec	ction 112(r) Accid	ous Air Polluta	7664-93-9 nts (HAPs) List	7.5-8		
Other federal regulations Clean Air Act (CAA) Sec Not regulated.	ction 112(r) Accic 664-93-9)	ous Air Pollutai Iental Release I	7664-93-9 nts (HAPs) List	7.5-8 8.130)		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA)	ction 112(r) Accid 664-93-9) t Contains co Administration (I	ous Air Pollutai Iental Release I omponent(s) reg	7664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I	7.5-8 8.130)	310.04(f)(2) and	
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA	ction 112(r) Accid 664-93-9) t Contains co Administration (Independent of the second of the	ous Air Pollutai Iental Release I omponent(s) reg DEA). List 2, Es	⁷ 664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Sulfuric Acid (CA Drug Enforcement A	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I	ous Air Pollutai Iental Release I omponent(s) reg DEA). List 2, Es	⁷ 664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi	7.5-8 8.130) Drinking Water Act.		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I AS 7664-93-9)	ous Air Pollutai dental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2	⁷ 664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo	ous Air Pollutai dental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2	r664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo	ous Air Pollutai dental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2	⁷ 664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi Sulfuric Acid (CA	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo AS 7664-93-9)	ous Air Pollutai dental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2	r664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1		
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi Sulfuric Acid (CA US state regulations California Proposition 6	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo AS 7664-93-9) 55 WARNING: This which are know	ous Air Pollutai Iental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2 de Number	r664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV 6552 pose you to chemicals	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1 xtures (21 CFR 1310.1	2(c)) nium, and lead,	
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi Sulfuric Acid (CA US state regulations California Proposition 6 WARNING:	ction 112(r) Accid664-93-9)tContains coAdministration (ImberAS 7664-93-9)Administration (IAS 7664-93-9)ical Mixtures CooAS 7664-93-9)S5WARNING: Thiswhich are knownharm. For more	ous Air Pollutai Iental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2 de Number s product can ex n to the State of information go t	r664-93-9 nts (HAPs) List Prevention (40 CFR 6 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV 6552 pose you to chemicals California to cause car o www.P65Warnings.c	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1 xtures (21 CFR 1310.1	2(c)) nium, and lead,	
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi Sulfuric Acid (CA US state regulations California Proposition 6 WARNING:	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo AS 7664-93-9) 55 WARNING: This which are known harm. For more	ous Air Pollutai Iental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2 de Number s product can ex n to the State of information go t	7664-93-9 nts (HAPs) List Prevention (40 CFR 64 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV 6552 pose you to chemicals California to cause car o www.P65Warnings.c ogenic substance	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1 xtures (21 CFR 1310.1 including arsenic, cadm incer and birth defects or a.gov.	2(c)) nium, and lead,	
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi Sulfuric Acid (CA US state regulations California Proposition 6 WARNING: California Propositi Sulfuric Acid (CA	ction 112(r) Accid 664-93-9) t Contains co Administration (I nber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo AS 7664-93-9) 55 WARNING: This which are known harm. For more ion 65 - CRT: List AS 7664-93-9)	ous Air Pollutai lental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2 de Number s product can ex n to the State of information go t	7664-93-9 nts (HAPs) List Prevention (40 CFR 64 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV 6552 pose you to chemicals California to cause car o www.P65Warnings.c ogenic substance Listed: March 14, 2	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1 xtures (21 CFR 1310.1 including arsenic, cadm incer and birth defects or a.gov.	2(c)) nium, and lead, r other reproductive	
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi Sulfuric Acid (CA US state regulations California Proposition 6 WARNING: California Propositi Sulfuric Acid (CA	ction 112(r) Accid 664-93-9) t Contains co Administration (I mber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo AS 7664-93-9) 55 WARNING: This which are known harm. For more ion 65 - CRT: List AS 7664-93-9) didate Chemicals	ous Air Pollutai lental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2 de Number s product can ex n to the State of information go t	7664-93-9 nts (HAPs) List Prevention (40 CFR 64 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV 6552 pose you to chemicals California to cause car o www.P65Warnings.c ogenic substance Listed: March 14, 2	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1 xtures (21 CFR 1310.1 including arsenic, cadm incer and birth defects or a.gov.	2(c)) hium, and lead, t other reproductive	
Other federal regulations Clean Air Act (CAA) Sec Not regulated. Clean Air Act (CAA) Sec Sulfuric Acid (CAA) Sec Sulfuric Acid (CAS 70 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Nur Sulfuric Acid (CA Drug Enforcement A Sulfuric Acid (CA DEA Exempt Chemi Sulfuric Acid (CA US state regulations California Proposition 6 WARNING: California Propositi Sulfuric Acid (CA US. California. Cano subd. (a))	ction 112(r) Accid 664-93-9) t Contains co Administration (I mber AS 7664-93-9) Administration (I AS 7664-93-9) ical Mixtures Coo AS 7664-93-9) 55 WARNING: This which are known harm. For more ion 65 - CRT: List AS 7664-93-9) didate Chemicals	ous Air Pollutai lental Release I omponent(s) reg DEA). List 2, Es DEA). List 1 & 2 de Number s product can ex n to the State of information go t	7664-93-9 nts (HAPs) List Prevention (40 CFR 64 ulated under the Safe I sential Chemicals (21 6552 Exempt Chemical Mi 20 %WV 6552 pose you to chemicals California to cause car o www.P65Warnings.c ogenic substance Listed: March 14, 2	7.5-8 8.130) Drinking Water Act. CFR 1310.02(b) and 1 xtures (21 CFR 1310.1 including arsenic, cadm incer and birth defects or a.gov.	2(c)) hium, and lead, r other reproductive	

Country(s) or region	Inventory name Or	n inventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
	nanta of this product complexisted the investory province star administered by the prevention	

*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 Revision date Version #	10-11-2021 04-29-2022 04
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of Manufacturer's knowledge, information and belief at the date of its publication; however, it is provided only as a guidance for safe handling, use, processing, storage, transportation, disposal and release of the Product. No warranties of any kind, either expressed or implied, including warranties of merchantability or fitness for a particular purpose, are made with respect to the Product or the information provided herein, or that the Product or information herein may be used without infringing the intellectual property rights of others. The information provided in this Safety Data Sheet relates only to the specific Product designated and may not be valid if the Product is used in combination with other materials or in any other process, unless specified herein. The user assumes all risk and liability for loss, injury, damage or expense due to any use, handling, storage or disposal of the Product, and Manufacturer recommends that the user conducts its owns tests of the Product to determine suitability of the Product for user's particular use.
Revision information	Product and Company Identification: Alternate Trade Names Physical & Chemical Properties: Multiple Properties