

# SAFETY DATA SHEET

### 1. Identification

Product identifier	Battery Fluid Acid
Other means of identification	None.
Recommended use	Electrolyte for Industrial/Commercial electrical storage batteries.
<b>Recommended restrictions</b>	None known.
Manufacturer/Importer/Supplier/	Distributor information
Manufacturer/Supplier	East Penn Manufacturing Company, Inc.
Address	102 Deka Road, Lyon Station PA 19536
Telephone number	(610) 682-6361
Contact person	East Penn EHS Department
Emergency telephone number	USA/Canada: CHEMTREC (800) 424-9300, Outside USA 1 (703) 527-3887
E-mail	contactus@eastpenn-deka.com

# 2. Hazard(s) identification

Physical hazards	Not classified.	
Health hazards	Skin corrosion/irritation	Category 1A
	Serious eye damage/eye irritation	Category 1
	Carcinogenicity	Category 1A
	Specific target organ toxicity, single exposure	Category 1 (respiratory system)
	Specific target organ toxicity, single exposure	Category 3 respiratory tract irritation
	Specific target organ toxicity, repeated exposure	Category 1 (respiratory system)
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	
Label elements		
Signal word	Danger	
Hazard statement	Causes damage to organs (respiratory system	lay cause respiratory irritation. May cause cancer. ). Causes damage to organs (respiratory system) c to aquatic life. Harmful to aquatic life with long
Precautionary statement		
Prevention	and understood. Do not breathe mist or vapor.	handle until all safety precautions have been read Wash thoroughly after handling. Do not eat, drink utdoors or in a well-ventilated area. Avoid release to octive clothing/eye protection/face protection.
Response	If swallowed: Rinse mouth. Do NOT induce vomiting. 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. Immediately call a poison center/doctor. Wash contaminated clothing before reuse.	
Storage	Store in a well-ventilated place. Keep containe	er tightly closed.
Disposal	Dispose of contents/container in accordance w	vith local/regional/national/international regulations.
Battery Fluid Acid		SDS US

#### 3. Composition/information on ingredients

#### **Mixtures**

inix cui oo			
Chemical name		CAS number	%
Sulphuric acid		7664-93-9	30 - 43
Composition comments	All concentrations are in percent by weight unle percent by volume.	ess ingredient is a gas. Gas	s concentrations are in
4. First-aid measures			
Inhalation	Move injured person into fresh air and keep per immediately.	rson calm under observatio	on. Get medical attentior
Skin contact	Immediately flush with plenty of water for at lea and shoes. Get medical attention immediately.		0
Eye contact	Rinse immediately with plenty of water, also un attention immediately.	nder the eyelids, for at least	15 minutes. Get medica
Ingestion	Rinse mouth thoroughly with water. DO NOT in liquid into lungs. Get medical attention immedia	0	danger of aspirating
Most important symptoms/effects, acute and delayed	Causes severe burns. Exposure to mists may c and upper respiratory tract.	cause temporary irritation to	o eyes, skin, nose, throa
Indication of immediate medical attention and special treatment needed	Treat symptomatically.		
General information	Ensure that medical personnel are aware of the protect themselves.	e material(s) involved, and	take precautions to
5. Fire-fighting measures			
Suitable extinguishing media	Dry chemical, foam, carbon dioxide.		
Unsuitable extinguishing	Water used for fire extinguishing which has be	en in contact with the prod	uct may be corresive

Unsuitable extinguishing mediaWater used for fire extinguishing, which has been in contact with the product, may be corrosive.Specific hazards arising from the chemicalSulfur trioxide (corrosive and toxic). Risk of fire and explosion on contact with metals as a result of hydrogen formation. Containers may explode when heated.Special protective equipment and precautions for firefightersSelf-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.Fire fighting equipment/instructionsUse standard firefighting procedures and consider the hazards of other involved materials.General fire hazardsSubstance does not burn but will support combustion.	Suitable extinguishing media	Dry chemical, foam, carbon dioxide.
the chemicalhydrogen formation. Containers may explode when heated.Special protective equipment and precautions for firefightersSelf-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.Fire fighting equipment/instructionsUse standard firefighting procedures and consider the hazards of other involved materials.	6 6	Water used for fire extinguishing, which has been in contact with the product, may be corrosive.
and precautions for firefightersSelection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.Fire fighting equipment/instructionsUse standard firefighting procedures and consider the hazards of other involved materials.		
equipment/instructions		Selection of respiratory protection for firefighting: follow the general fire precautions indicated in
General fire hazards Substance does not burn but will support combustion.		Use standard firefighting procedures and consider the hazards of other involved materials.
	General fire hazards	Substance does not burn but will support combustion.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear appropriate personal protective equipment.
Methods and materials for containment and cleaning up	Stop the flow of material, if this is without risk. Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Large spills may be neutralized with dilute alkaline solutions of soda ash, or lime. Neutralize the spilled material before disposal. Sweep up or vacuum up spillage and collect in suitable container for disposal. Dispose of waste and residues in accordance with local authority requirements.
Environmental precautions	Prevent runoff from entering drains, sewers, or streams.
7. Handling and storage	
Dressutions for sofe handling	Keen away from heat, analys and onen flome

Precautions for safe handling Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame.

Store in original tightly closed container. Protect containers from damage.

# 8. Exposure controls/personal protection

### Occupational exposure limits

·	Туре		
Sulphuric acid (CAS 7664-93-9)	PEL	1 mg/m3	
US. ACGIH Threshold Limit			_
Components	Туре	Value	Form
Sulphuric acid (CAS 7664-93-9)	TWA	0.2 mg/m3	Thoracic fraction.
US. NIOSH: Pocket Guide to Components	Chemical Hazards Type	Value	
Sulphuric acid (CAS 7664-93-9)	TWA	1 mg/m3	
iological limit values	No biological exposure limits noted for	or the ingredient(s).	
ppropriate engineering ontrols	Provide adequate ventilation. Provide	e easy access to water supply a	and eye wash facilities.
dividual protection measures,	such as personal protective equipm	ent	
Eye/face protection	Wear safety glasses with side shields		
Skin protection Hand protection	Wear appropriate chemical resistant	gloves.	
Skin protection Other	Wear suitable protective clothing. Us	e of an impervious apron is rec	commended.
Respiratory protection	If engineering controls do not mainta limits (where applicable) or to an acc been established), an approved resp high-efficiency particulate filter.	eptable level (in countries when	re exposure limits have not
Thermal hazards	When material is heated, wear glove	s to protect against thermal bur	rns.
eneral hygiene onsiderations	Always observe good personal hygie and before eating, drinking, and/or sr equipment to remove contaminants.		
. Physical and chemical p	properties		
ppearance	Clear, colorless liquid.		
Physical state	Liquid.		
Form	Sulfuric acid, liquid.		
Color	Not available.		
dor	Odorless.		
dor threshold	Not available.		
H	< 1		
⊓ lelting point/freezing point	Not available.		
nitial boiling point and boiling	235.4 - 240.8 °F (113 - 116 °C)		
lash point	Not available.		
vaporation rate	< 1		
lammability (solid, gas)	Not applicable.		
pper/lower flammability or exp			
Flammability limit - lower (%)	4 (as hydrogen gas)		
Flammability limit - upper (%)	74 (as hydrogen gas)		
apor pressure	13 mm Hg		
apor density	Not available.		

Battery Fluid Acid

Relative density	1.2 - 1.3
Solubility(ies)	
Solubility (water)	100 %
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	932 °F (500 °C) (as hydrogen gas)
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

# 10. Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Will not occur.
Conditions to avoid	Do not allow water to get into container because of reaction.
Incompatible materials	Strong bases. Combustible organic materials. Finely divided metals. Strong oxidizers. Reducing agents.
Hazardous decomposition products	At elevated temperatures: Sulfur dioxide. Sulfur trioxide. Carbon monoxide. Sulfuric acid. Hydrogen sulfide.

### 11. Toxicological information

### Information on likely routes of exposure

Inhalation	Mist or vapor may irritate the respiratory system. Difficulty in breathing. Inhalation of vapors or mists will likely result in mild to severe irritation of the nose, throat and lungs, depending on airborne concentration.
Skin contact	Causes severe skin burns.
Eye contact	Causes severe eye burns.
Ingestion	May cause discomfort if swallowed.
Symptoms related to the physical, chemical and toxicological characteristics	Exposure to liquid causes serious eye and tissue damage. May cause serious chemical burns to the skin. Inhalation of mists/vapors of this product may cause headache, dizziness, nausea, and respiratory tract irritation.

#### Information on toxicological effects

Acute toxicity	May be harmful if swallowed.	
Components	Species	Test Results
Sulphuric acid (CAS 7664-93-9)		
<u>Acute</u>		
Oral		
LD50	Rat	2140 mg/kg
Skin corrosion/irritation	Causes skin burns.	
Serious eye damage/eye irritation	Causes serious eye damage.	
Respiratory or skin sensitizatio	n	
<b>Respiratory sensitization</b>	Due to lack of data the classification is	s not possible.
Skin sensitization	Due to lack of data the classification is	s not possible.
Germ cell mutagenicity	Due to lack of data the classification is	s not possible.
Carcinogenicity	mists containing sulfuric acid" as a know	n on Cancer (IARC) has classified "strong inorganic acid own human carcinogen, (IARC category 1). This taining sulfuric acid and not to sulfuric acid or sulfuric acid
IARC Monographs. Overall	Evaluation of Carcinogenicity	

1 Carcinogenic to humans.

NTP Report on Carcinogens	
Sulphuric acid (CAS 7664	-93-9) Known To Be Human Carcinogen.
OSHA Specifically Regulated	d Substances (29 CFR 1910.1001-1053)
Not regulated.	
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity - single exposure	May cause respiratory irritation. Causes damage to organs (respiratory system).
Specific target organ toxicity - repeated exposure	Causes damage to organs (respiratory system) through prolonged or repeated exposure.
Aspiration hazard	Not an aspiration hazard.
Chronic effects	Chronic inhalation of sulfuric acid mist may increase the risk of lung cancer.
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### 12. Ecological information

Ecotoxicity	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Persistence and degradability	Not persistent.
Bioaccumulative potential	Potential to bioaccumulate is low.
Mobility in soil	Potential for mobility in soil is very high.
Other adverse effects	None known.

### 13. Disposal considerations

Disposal instructions	Neutralize electrolyte/sulfuric acid. Avoid discharge into water courses or onto the ground. Dispose of in accordance with local regulations.				
Local disposal regulations	Empty containers should be taken to an approved waste handling site for recycling or disposal.				
Hazardous waste code	D002: Corrosive waste				
Waste from residues / unused products	Avoid discharge into water courses or onto the ground.				
Contaminated packaging	Since emptied containers retain product residue, follow label warnings even after container is emptied.				

# 14. Transport information

DOT	
UN number	UN2796
UN proper shipping name	Battery fluid, acid
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Label(s)	8
Packing group	II
Environmental hazards	
Marine pollutant	No
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	A3, A7, B2, B15, IB2, N6, N34, T8, TP2, TP12
Packaging exceptions	154
Packaging non bulk	202
Packaging bulk	242
ΙΑΤΑ	
UN number	UN2796
UN proper shipping name	Battery fluid, acid
Transport hazard class(es)	
Class	8
Subsidiary risk	-
Packing group	II
Environmental hazards	No.
ERG Code	8L
	Read safety instructions, SDS and emergency procedures before handling.
IMDG	
UN number	UN2796
UN proper shipping name	BATTERY FLUID, ACID

Battery Fluid Acid

	S)					
Transport hazard class(e Class	8					
Subsidiary risk	-					
Packing group	II					
Environmental hazards	No					
Marine pollutant EmS	No. F-A, S-B					
		er Read safety instructions, SDS and emergency procedures before handling. Not applicable.				
ransport in bulk according t nnex II of MARPOL 73/78 an ne IBC Code	o Not applica					
5. Regulatory informat	ion					
S federal regulations	Standard, 2	9 CFR 1910.120		d by the OSHA Hazard o	Communication	
	present at a	a facility in an an		eding 500 pounds or the	lazardous Substance is Threshold Planning	
TSCA Section 12(b) Expo	ort Notification (	40 CFR 707, Su	ıbpt. D)			
Not regulated. CERCLA Hazardous Sub		CFR 302.4)				
Sulphuric acid (CAS 7 SARA 304 Emergency rel	,	on	Listed.			
Sulphuric acid (CAS 7 OSHA Specifically Regul		s (29 CFR 1910	1000 LBS . <b>1001-1053)</b>			
Not regulated.						
uperfund Amendments and SARA 302 Extremely haz	ardous substar	nce				
Chemical name	CAS number	Reportable	Threshold	Threshold	Threshold	
		quantity (pounds)	planning quantity (pounds)	planning quantity, lower value (pounds)	planning quantity, upper value (pounds)	
Sulphuric acid	7664-93-9	•		lower value	upper value	
Sulphuric acid SARA 311/312 Hazardous chemical		(pounds)	(pounds)	lower value	upper value	
SARA 311/312 Hazardous	S Yes Acute toxici Skin corros	(pounds) 1000 ity (any route of ion or irritation	(pounds) 1000 exposure)	lower value	upper value	
SARA 311/312 Hazardous chemical Classified hazard	Acute toxici Skin corrosi Serious eye Carcinogen	(pounds) 1000 ity (any route of o ion or irritation e damage or eye iicity	(pounds) 1000 exposure) e irritation	lower value (pounds)	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories	Acute toxici Skin corros Serious eye Carcinogen Specific tar	(pounds) 1000 ity (any route of o ion or irritation e damage or eye iicity	(pounds) 1000 exposure)	lower value (pounds)	upper value	
SARA 311/312 Hazardous chemical Classified hazard	Acute toxici Skin corros Serious eye Carcinogen Specific tar	(pounds) 1000 ity (any route of a ion or irritation damage or eye icity get organ toxicity	(pounds) 1000 exposure) e irritation	lower value (pounds)	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting)	Acute toxici Skin corros Serious eye Carcinogen Specific tar	(pounds) 1000 ity (any route of o ion or irritation e damage or eye iicity get organ toxicity CA	(pounds) 1000 exposure) e irritation y (single or repeated e:	lower value (pounds) kposure)	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) Chemical name Sulphuric acid	Acute toxici Skin corros Serious eye Carcinogen Specific tar	(pounds) 1000 ity (any route of o ion or irritation e damage or eye iicity get organ toxicity CA	(pounds) 1000 exposure) irritation y (single or repeated ex AS number	lower value (pounds) kposure) % by wt.	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) Chemical name Sulphuric acid	Acute toxici Skin corrosi Serious eye Carcinogen Specific tar	(pounds) 1000 ity (any route of of ion or irritation e damage or eye icity get organ toxicity C/ 7	(pounds) 1000 exposure) e irritation y (single or repeated ex AS number 7664-93-9	lower value (pounds) kposure) % by wt.	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) <u>Chemical name</u> Sulphuric acid Other federal regulations Clean Air Act (CAA) Sect Not regulated.	Acute toxici Skin corrosi Serious eye Carcinogen Specific targ	(pounds) 1000 ity (any route of original interview) ity (any route of original interview) ity (any route of original interview) ity (any route of original interview) e damage or eye ity (any route of original interview) get organ toxicity for original interview) for original interview (any route of original interview) e damage or eye ity (any route of original interview) get organ toxicity for original interview (any route of original interview) for original interview (any r	(pounds) 1000 exposure) e irritation y (single or repeated ex AS number 664-93-9 hts (HAPs) List	lower value (pounds) kposure) % by wt. 30 - 43	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) <u>Chemical name</u> Sulphuric acid Other federal regulations Clean Air Act (CAA) Sect Not regulated. Clean Air Act (CAA) Sect	Acute toxici Skin corros Serious eye Carcinogen Specific targ	(pounds) 1000 ity (any route of original interview) ity (any route of original interview) ity (any route of original interview) ity (any route of original interview) e damage or eye ity (any route of original interview) get organ toxicity for original interview) for original interview (any route of original interview) e damage or eye ity (any route of original interview) get organ toxicity for original interview (any route of original interview) for original interview (any r	(pounds) 1000 exposure) e irritation y (single or repeated ex AS number 664-93-9 hts (HAPs) List	lower value (pounds) kposure) % by wt. 30 - 43	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) Chemical name Sulphuric acid other federal regulations Clean Air Act (CAA) Sect Not regulated. Clean Air Act (CAA) Sect Sulphuric acid (CAS 7	Acute toxici Skin corrosi Serious eye Carcinogen Specific targ	(pounds) 1000 ity (any route of of ion or irritation e damage or eye icity get organ toxicity C/ Tous Air Pollutar dental Release I	(pounds) 1000 exposure) e irritation y (single or repeated ex AS number 664-93-9 hts (HAPs) List	lower value (pounds) kposure) % by wt. 30 - 43	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) Chemical name Sulphuric acid Other federal regulations Clean Air Act (CAA) Sect Not regulated. Clean Air Act (CAA) Sect	Acute toxici Skin corros Serious eye Carcinogen Specific targ	(pounds) 1000 ity (any route of of ion or irritation e damage or eye icity get organ toxicity C/ Tous Air Pollutar dental Release I	(pounds) 1000 exposure) e irritation y (single or repeated ex AS number 664-93-9 hts (HAPs) List	lower value (pounds) kposure) % by wt. 30 - 43	upper value	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) Chemical name Sulphuric acid Other federal regulations Clean Air Act (CAA) Sect Not regulated. Clean Air Act (CAA) Sect Sulphuric acid (CAS 7 Safe Drinking Water Act (SDWA)	Acute toxici Skin corrosi Serious eye Carcinogen Specific targ ion 112 Hazardo ion 112(r) Accid 664-93-9) Not regulate dministration (E	(pounds) 1000 ity (any route of original interview of the second secon	(pounds) 1000 exposure) e irritation y (single or repeated ex AS number 664-93-9 hts (HAPs) List Prevention (40 CFR 6	lower value (pounds) kposure) % by wt. 30 - 43	upper value (pounds)	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) Chemical name Sulphuric acid Other federal regulations Clean Air Act (CAA) Sect Not regulated. Clean Air Act (CAA) Sect Sulphuric acid (CAS 7 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Num Sulphuric acid (C/	Acute toxici Skin corrosi Serious eye Carcinogen Specific targ ion 112 Hazardo ion 112(r) Accid 664-93-9) Not regulate dministration (E ber AS 7664-93-9)	(pounds) 1000 ity (any route of of ion or irritation e damage or eye icity get organ toxicity C/ 7 ous Air Pollutar lental Release I ed. DEA). List 2, Est	(pounds) 1000 exposure) irritation y (single or repeated ex AS number 664-93-9 hts (HAPs) List Prevention (40 CFR 6 sential Chemicals (21 6552	lower value (pounds) kposure) % by wt. 30 - 43 8.130) CFR 1310.02(b) and 1	upper value (pounds) 310.04(f)(2) and	
SARA 311/312 Hazardous chemical Classified hazard categories SARA 313 (TRI reporting) Chemical name Sulphuric acid Other federal regulations Clean Air Act (CAA) Sect Not regulated. Clean Air Act (CAA) Sect Sulphuric acid (CAS 7 Safe Drinking Water Act (SDWA) Drug Enforcement A Chemical Code Num Sulphuric acid (C/	Acute toxici Skin corrosi Serious eye Carcinogen Specific targ ion 112 Hazardo ion 112(r) Accid 664-93-9) Not regulate dministration (E ber AS 7664-93-9) dministration (E	(pounds) 1000 ity (any route of of ion or irritation e damage or eye icity get organ toxicity C/ 7 ous Air Pollutar lental Release I ed. DEA). List 2, Est	(pounds) 1000 exposure) irritation y (single or repeated ex AS number 664-93-9 hts (HAPs) List Prevention (40 CFR 6 sential Chemicals (21 6552	lower value (pounds) kposure) <u>% by wt.</u> 30 - 43 8.130)	upper value (pounds) 310.04(f)(2) and	

#### **DEA Exempt Chemical Mixtures Code Number**

Sulphuric acid (CAS 7664-93-9)

6552

### **US state regulations**

#### US. Massachusetts RTK - Substance List

Sulphuric acid (CAS 7664-93-9)

US. New Jersey Worker and Community Right-to-Know Act

Sulphuric acid (CAS 7664-93-9)

#### US. Pennsylvania Worker and Community Right-to-Know Law

Sulphuric acid (CAS 7664-93-9)

**US. Rhode Island RTK** 

Sulphuric acid (CAS 7664-93-9)

#### **California Proposition 65**



WARNING: Cancer and Reproductive Harm. www.P65warnings.ca.gov

or

PROPOSITION 65 WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm. Batteries also contain other chemicals known to the State of California to cause cancer. WASH HANDS AFTER HANDLING.

#### California Proposition 65 - CRT: Listed date/Carcinogenic substance

Sulphuric acid (CAS 7664-93-9) Listed: March 14, 2003

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Sulphuric acid (CAS 7664-93-9)

#### International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*			
Australia	Australian Inventory of Chemical Substances (AICS)	Yes			
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			
*A "Vea" indicates this product complice with the inventory requirements administered by the coverning country( $\alpha$ )					

\*A "Yes" indicates this product complies 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	19-September-2017
Revision date	08-January-2018
Version #	02
List of abbreviations	LD50: Lethal Dose 50%.
References	IARC Monographs. Overall Evaluation of Carcinogenicity Registry of Toxic Effects of Chemical Substances (RTECS)
Disclaimer	The information in this SDS was obtained from sources which we believe are reliable, but no warranty or representation as to its accuracy or completeness is hereby given. Users should consider the information herein only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal, the safety and health of employees and customers and the protection of the environment.