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#### 1. PRODUCT IDENTIFICATION

Product Name Other Names Use Supplier Name and Address	Battery Fluid, Acid Battery Fluid, Sulphuric Acid 1260, Electrolyte, Battery Acid, Electrolyte for lead-acid batteries Century Yuasa Batteries 37-65 Cobalt St Carole Park QLD 4300
Telephone	(07) 3361 6161
Emergency (24 Hours)	(07) 3361 6707
Relevant identified uses	Electrolyte for lead-acid batteries

#### 2. HAZARD(S) IDENTIFICATION

#### HAZARDOUS CHEMICAL DANGEROUS GOODS. According to the Model WHS Regulations and the ADG Code.

Poisons Schedule S6 Classified as S6:- Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

#### Signal Word

DANGER

#### **GHS Classification**

Metal Corrosion Category 1, Acute Toxicity (Inhalation) Category 2, Skin Corrosion/Irritation Category 1A, Serious Eye Damage Category 1

**GHS Label Elements** 



Corrosive Acute toxicity

#### IN THE EVENT OF EXPOSURE TO BATTERY FLUID, ACID

Hazard Statements	H290	May be corrosive to metals	H330	Fatal if inhaled
	H302	Harmful if swallowed		
	H314	Causes severe skin burns and eye damage		

#### IN THE EVENT OF EXPOSURE TO INTERNAL COMPONENTS

Precautionary Statements	<u>Prevention</u>		<u>Response</u>	
	P101	If medical advice is needed, have product container or label at hand.	P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
	P102	Keep out of reach of children	P303+P361+P353	IF ON SKIN (or hair): Take off immediately
	P103	Read label before use.		all contaminated clothing. Rinse skin with water/ shower.
	P234	Keep only in original container.	P305+P351+P338	IF IN EYES: Rinse cautiously with water for
	P260	Do not breathe dust / fume / gas / mist / vapours / spray.		several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P271	Use only outdoors or in a well- ventilated area.	P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
	P280	Wear protective gloves / protective clothing / eye protection / face	P390	Absorb spillage to prevent material damage.
		protection	Storage	
	Disposal		P406	Store in a corrosion resistant container with resistant inner Liner
	P501	Dispose of contents, container to authorised chemical landfill or if organic, to high temperature incineration	P403+P233	Store in a well-ventilated place. Keep container tightly closed.
	<u>Recycle</u>	Refer to section 13		
		Refer to section 13		



### 3. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredient	Identification	Content % weight
Sulphuric Acid <51% (H <sub>2</sub> SO <sub>4</sub> )	CAS 7664-93-9	33-36%
Water	-	64-67%
de		

### 4. FIRST AID MEASURES

#### DESCRIPTION OF FIRST AID MEASURES

Eye contact	<ul> <li>If, Sulphuric acid comes in contact with the eyes:</li> <li>Immediately hold eyelids apart and flush the eye continuously with running water.</li> <li>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.</li> <li>Transport to hospital or doctor without delay.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>
Skin contact	<ul> <li>If, Sulphuric acid comes in contact with skin or hair:</li> <li>Immediately flush body and clothes with large amounts of water, using safety shower if available.</li> <li>Quickly remove all contaminated clothing, including footwear.</li> <li>Wash skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre.</li> <li>Transport to hospital, or doctor.</li> </ul>
Inhalation	<ul> <li>If fumes or combustion products are inhaled remove from contaminated area.</li> <li>Lay patient down. Keep warm and rested.</li> <li>Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.</li> <li>Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.</li> <li>Transport to hospital, or doctor, without delay.</li> <li>Inhalation of vapours or aerosols (mists, fumes) may cause lung oedema.</li> <li>Corrosive substances may cause lung damage (e.g. lung oedema, fluid in the lungs).</li> <li>As this reaction may be delayed up to 24 hours after exposure, affected individuals need complete rest (preferably in semi-recumbent posture) and must be kept under medical observation even if no symptoms are (yet) manifested.</li> <li>Before any such manifestation, the administration of a spray containing a dexamethasone derivative or beclomethasone derivative may be considered.</li> <li>This must definitely be left to a doctor or person authorised by him/her.</li> </ul>
Ingestion	<ul> <li>For advice, contact a Poisons Information Centre or a doctor at once.</li> <li>Urgent hospital treatment is likely to be needed.</li> <li>If swallowed do NOT induce vomiting.</li> <li>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>Observe the patient carefully.</li> <li>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>Transport to hospital or doctor without delay.</li> </ul>
MEDICAL ATTENTION A	ND SPECIAL TREATMENT. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.	<ul> <li>For acute or short term repeated exposures to strong acids:</li> <li>Airway problems may arise from laryngeal edema and inhalation exposure. Treat with 100% oxygen initially.</li> <li>Respiratory distress may require cricothyroidotomy if endotracheal intubation is contraindicated by excessive swelling</li> <li>Intravenous lines should be established immediately in all cases where there is evidence of circulatory compromise.</li> <li>Strong acids produce a coagulation necrosis characterised by formation of a coagulum (eschar) as a result of the desiccating action of the acid on proteins in specific tissues.</li> </ul>
Ingestion:	<ul> <li>Immediate dilution (milk or water) within 30 minutes post ingestion is recommended.</li> <li>DO NOT attempt to neutralise the acid since exothermic reaction may extend the corrosive injury.</li> <li>Be careful to avoid further vomit since re-exposure of the mucosa to the acid is harmful.</li> <li>Limit fluids to one or two glasses in an adult.</li> <li>Charcoal has no place in acid management.</li> <li>Some authors suggest the use of lavage within 1 hour of ingestion.</li> </ul>
Skin:	<ul> <li>Skin lesions require copious saline irrigation.</li> <li>Treat chemical burns as thermal burns with non-adherent gauze and wrapping.</li> <li>Deep second-degree burns may benefit from topical silver sulphadiazine.</li> </ul>
Eye:	) Eye injuries require retraction of the eyelids to ensure thorough irrigation of the conjuctival cul-de-sacs. Irrigation

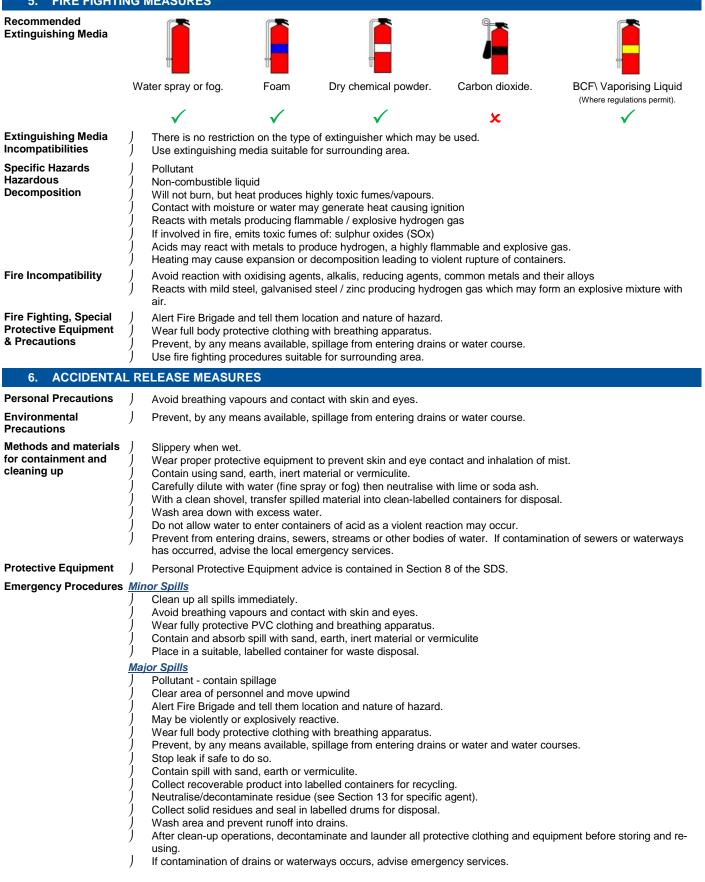


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should last at least 20-30 minutes. DO NOT use neutralising agents or any other additives. Several litres of saline are required.

Cyclopaedic drops, (1% cyclopentolate for short-term use or 5% homatropine for longer term use) antibiotic drops, vasoconstrictive agents or artificial tears may be indicated dependent on the severity of the injury. Steroid eye drops should only be administered with the approval of a consulting ophthalmologist).

#### FIRE FIGHTING MEASURES 5.





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#### 7. HANDLING AND STORAGE

7. HANDLING A	ND STORAG	F				
Safe Handling	<ul> <li>DO NOT a</li> <li>Use in a w</li> <li>Handle and</li> <li>When hand</li> <li>Always wa</li> <li>Always wa</li> </ul>	ersonal contact and w illow clothing wet with rell-ventilated area, av- d open container with dling, DO NOT eat, dr ash hands with soap ar occupational work pra SDS.	material to stay in co oid generating and bu care and keep conta ink or smoke. nd water after handlir nd water after handlir	ntact with skin reathing mist iners securely sealed ng. Work clothes shou ng. Work clothes shou	when not in use Ild be laundered sep Ild be laundered sep	arately.
Storage	foodstuff c Protect con Floors sho DO NOT s	Store in original containers and store in a cool, dry, well-ventilated area away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks Floors should be covered or coated with acid resistant material. DO NOT store in pits, depressions, basements or areas where vapours may be trapped Attacks some plastics, rubber and coatings				
Suitable container	) Check that	as recommended by t containers are clearly yethylene, Polypropyle	y labelled	tainers are suitable		
Storage incompatibility	<ul> <li>Reacts vio alkalis, am norbaneca</li> <li>Reacts, po acids, base alcohols, a hydroxide, chlorine tri ethylene d isocyanate nitrotoluen chlorate, p permanga</li> <li>Increases</li> <li>Incompatiti organic an</li> <li>Attacks so</li> </ul>	oxidiser h water or steam lently with many subsi imonium tetraperoxocl arboxylic acid ethyl est bossibly causing ignition es, reducing agents, a aldehydes, alkylene ox bromine pentafluoride ifluoride, chlorates, chl iamine, ethylene glycc bos, ketones, lithium sili ie, pentasilver trihydro totassium permangana nate, sodium, sodium the explosive sensitivi ole with 2-amino-5-nitr hydrides, isocyanate, me plastics, rubber ar h metals to produce fil	hromate, aniline, 1,2- er, perchlorates, sodi n or explosion, with m acetic anhydride, acet kides, allyl alcohol, all e, n-butyraldehyde, c lorosulfonic acid, cres ol, ethyleneimine, fuln icide, mercuric nitride kydiaminophosphate ate, beta-propiolactor chlorate, sodium hyd ity of nitromethane rothiazole, 2-aminothi vinyl acetate, alkylen nd coatings	ethanediamine, ethar ium carbonate, zinc cl hany substances, inclu- tone cyanohydrin, ace lyl chloride, substituted aprolactam solution, c sols, cuprous nitride, c ninates, glycols, hydro e, 2-methyllactonitrile, perchloric acid, pher he, propylene oxide, p froxide, styrene mono iazole, ammonia, aliph he oxides, epichlorohy	nolamine, isoprene, r hlorate uding non-oxidising n tonitrile, acrolein, ac d, allyls, 2-aminoetha arbides, caesium ac diisobutylene, ethylei pochloric acid, iodine l powdered metals, ni nols, phosphorus, pic yridine, rubidium acc mer, zinc phosphide natic amines, alkanol	nesityl oxide, endo nineral acids, organic rylates, acrylonitrile, anol, ammonium eetylene carbide, ne cyanohydrin, heptafluoride, iron, tric acid, p- crates, potassium etylene, silver
May be stored	together	(i) = May be store	ed together with spe	cific preventions	×= Must not be	e stored together
× FLAMMABLES EX	X XPLOSIVES	✓ ACUTE TOXIC		✓ HARMFUL	✓ IRRITANT	✓
						CORROSIVE

#### AUSTRALIAN EXPOSURE STANDARDS (Occupational Exposure Limits)

Ingredient	Material name	TWA	STEL
Sulphuric Acid (H2SO4)	Sulphuric acid	1 mg/m3	3 mg/m3

#### APPROPRIATE ENGINEERING CONTROLS

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are:

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and / or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.



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#### PERSONAL PROTECTION: Not normally required; however if in contact with internal components:-



#### Respirator Type

Where the concentration of gas / particulates in the breathing zone, approaches or exceeds the "Exposure Standard" (or ES), respiratory protection is required. Type E-P Filter of sufficient capacity.

Required Minimum Protection Factor	Half-Face Respirator	Full-Face Respirator	Powered Air Respirator
up to 10 x ES	P1 Air-line*	-	PAPR-P1 -
up to 50 x ES	Air-line**	P2	PAPR-P2
up to 100 x ES	-	P3	-
		Air-line*	-
100+ x ES	-	Air-line**	PAPR-P3

Negative pressure demand Continuous flow



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### Clothing

When handling corrosive liquids, wear trousers or overalls outside of boots, to avoid spills entering boots. Overalls or PVC protective suit may be required if exposure severe.



#### Eyewash unit.

Barrier cream. Skin cleansing cream.

## PHYSICAL AND CHEMICAL PROPERTIES

#### Eye Protection

- Safety glasses with unperforated side shields may be used where continuous eye protection is desirable, as in laboratories;
- Spectacles are not sufficient where complete eye protection is needed such as when handling bulkquantities, where there is a danger of splashing, or if the material may be under pressure.
- Chemical goggles whenever there is a danger of the material coming in contact with the eyes; goggles must be properly fitted.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available.

#### Glove Type

Wear chemical protective gloves, e.g. PVC



Foot wear Wear safety footwear or safety gumboots e.g. Rubber

Appearance	Clear colourless, mobile liquid that mixes with water.				
Odour	Not Available	Lower explosive limits	Not Available		
Odour threshold	Not Available	Vapour pressure (kPa)	13 to 22 mmHg @ 25 °C		
рН	<1	Vapour density (Air = 1)	Not Available		
Melting point / freezing point (°C)	95 °C / -7 to -70 °C	Relative density (Water = 1)	1.2-1.3 (Sulphuric acid electrolyte) @ 25 °C		
Initial boiling point and boiling range (°C)	95 °C (Sulphuric acid electrolyte)	Solubility in water (g,L)	Immiscible		
Flash point	Non-flammable	Partition coefficient: n- octanol/water	Not Available		
Evaporation rate	Not Available	Auto-ignition temperature	Not Available		
Flammability	Not Applicable	Decomposition temperature (°C)	Not Available		
Upper, lower flammability or explosive limits	Not Applicable	Viscosity	Not Available		

#### **10. STABILITY AND REACTIVITY** Reactivity See section 7 and this section under Chemical stability Is a strong oxidiser Reacts violently with many substances including reducing agents, combustible materials, organic substances, alkalis Acids often catalyse (increase the rate of) chemical reactions. Inorganic acids are generally soluble in water with the release of hydrogen ions. The resulting solutions have pH of less than 7.0. The dissolution of inorganic acids in water or the dilution of their concentrated solutions with additional water may generate significant heat. The addition of water to inorganic acids often generates sufficient heat in the small region of mixing to cause some of the water to boil explosively. The resulting "bumping" can spatter the acid. Possibility of hazardous See section 5 & 7 reactions Reacts, possibly causing ignition or explosion, with many substances, including non-oxidising mineral acids, phosphorus, picrates, potassium chlorate, potassium permanganate, beta-propiolactone, propylene oxide. pyridine, rubidium acetylene, silver permanganate, sodium, sodium chlorate, sodium hydroxide, styrene monomer, zinc phosphide Reacts with mild steel, galvanised steel / zinc, active metals, including such structural metals as aluminium and iron, to release hydrogen, a flammable gas. Inorganic acids neutralise chemical bases (for example: amines and inorganic hydroxides) to form salts neutralisation can generate dangerously large amounts of heat in small spaces. Inorganic acids generate flammable and/or toxic gases in contact with dithiocarbamates, isocyanates, mercaptans, nitrides, nitriles, sulphides, and strong reducing agents. Additional gas-generating reactions occur with sulphites, nitrites, thiosulphates (to give H2S and SO3), dithionites (SO2), and even carbonates. Reacts with cyanide compounds to release gaseous hydrogen cyanide



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Incompatible materials	See section 7
	<ul> <li>Avoid heat, sparks , open flame, and other ignition sources</li> <li>Avoid storage with oxidisers, alkalis, reducing agents, common metals and their alloys</li> <li>Avoid any contamination of this material as it is very reactive and any contamination is potentially hazardous</li> </ul>
Chemical stability	<ul> <li>Unstable in the presence of incompatible materials.</li> <li>Product is considered stable.</li> <li>Hazardous polymerisation will not occur</li> <li>Contact with alkaline material liberates heat</li> </ul>
Hazardous decomposition products	<ul> <li>See section 5</li> <li>Sulphuric acid may decompose to sulphur trioxide, carbon monoxide, sulphuric acid mist, sulphur dioxide and hydrogen.</li> </ul>

#### **11. TOXICOLOGICAL INFORMATION ACUTE EFFECTS**

No adverse health effects expected if the product is handled in accordance with this safety Data sheet and the product Label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:-

• •	
Inhaled	Corrosive acids can cause irritation of the respiratory tract, with coughing, choking and mucous membrane damage. There may be dizziness, headache, nausea and weakness. Inhalation of aerosols (mists, fumes), generated by the material during the course of normal handling, may produce toxic effects; these may be fatal. The material can cause respiratory irritation in some persons.
Ingestion	Considered an unlikely route of entry in commercial/industrial environments Ingestion of acidic corrosives may produce burns around and in the mouth, the throat and oesophagus. Immediate pain and difficulties in swallowing and speaking may also be evident. The material is considered to be harmful by all exposure routes The liquid is highly discomforting and corrosive if swallowed Ingestion may result in nausea, abdominal irritation, pain and vomiting
Skin contact	<ul> <li>Skin contact with acidic corrosives may result in pain and burns; these may be deep with distinct edges and may heal slowly with the formation of scar tissue.</li> <li>Skin contact is not thought to produce harmful health effects (as classified under EC Directives using animal models). Systemic harm, however, has been identified following exposure of animals by at least one other route and the material may still produce health damage following entry through wounds, lesions or abrasions.</li> <li>Open cuts, abraded or irritated skin should not be exposed to this material</li> <li>Entry into the blood-stream, via, cuts, abrasions or lesions, may produce systemic injury with harmful effects.</li> <li>The liquid is highly discomforting and corrosive to the skin and is capable of causing ulceration and severe burns if exposure is prolonged, even minor exposure is highly discomforting</li> <li>The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.</li> </ul>
Eye	This material can cause eye irritation and damage in some persons If applied to the eyes, this material causes severe eye damage. Direct eye contact with acid corrosives may produce pain, tears, sensitivity to light and burns. The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. Mild burns of the epithelia generally recover rapidly and completely.
Chronic effects	Repeated or prolonged exposure to acids may result in the erosion of teeth, swelling and/or ulceration of mouth lining. Irritation of airways to lung, with cough, and inflammation of lung tissue often occurs. Substance accumulation, in the human body, may occur and may cause some concern following repeated or long-term occupational exposure. Principal routes of exposure are usually by skin contact with the material, eye contact and inhalation of vapour. The material is considered to be harmful by all exposure routes and contact may cause rapid tissue destruction As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice
Sulphuric Acid <i>(undiluted)</i>	Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyper-reactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophilia, have also been included in the criteria for diagnosis of RADS. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. Industrial bronchitis, on the other hand, is a disorder that occurs as result of exposure due to high concentrations of irritating substance (often particulate in nature) and is completely reversible after exposure ceases. The disorder is characterised by dyspnoea, cough and mucus production
	CARCINOGENIC TO HUMANS

Occupational exposures to strong inorganic acid mists of sulphuric acid:

Acute Toxicity	Skin Irritation / Corrosion	Serious Eye Damage / Irritation	Respiratory Or Skin Sensitisation	Mutagenicity	Carcinogenicity	Reproductivity	Stot - Single Exposure	Stot - Repeated Exposure	Aspiration Hazard
✓	✓	✓	1	1	✓	✓	✓	~	1

✓ = Data required to make classification available ×= Data available but does not fill the criteria for classification



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#### () = Data Not Available to make classification

12. ECOLOGICAL	L INFORMATION				
Ecotoxicity	Prevent, by any means available, spillage from entering drains or water courses.         DO NOT discharge into sewer or waterways. DO NOT discharge into sewer or waterways.         May cause long term adverse effects in the environment         Avoid contaminating waterways. The product is highly acidic. If large spills occurred a water pH drop could be responsible for an environmental effect on aquatic organisms.         Ecotoxicity data for Sulphuric Acid         Mosquito fish       LC50 42mg/L/96hr				
	Hooknose fish	Mosquito fish         LC50 42mg/L/96hr         Shore crab           Hooknose fish         LC50 80-90mg/L/48hr         Cockle			
Degradability		LC50 80-90mg/L/48hr	COCKIE	LC50 200-500mg/L/48hr	
Degradability Bio-accumulative Potential	No Data available for all ing No Data available for all ing				
Mobility in Soil	During transport throu materials	gh the soil, sulfuric acid can	dissolve some of the soil m	aterial, in particular carbonate-based	
Other Adverse Effects	No Data available for all ing	redients			
13. DISPOSAL CO	ONSIDERATIONS				
Safe Handling & Disposal	Dispose in accordance with federal, state or local regulations.				
Disposal of Contaminated Packaging	<ul> <li>Containers may still present a chemical hazard/ danger when empty.</li> <li>Return to supplier for reuse/ recycling if possible.</li> <li>Use soda ash or slaked lime to neutralise</li> <li>Otherwise:</li> <li>If container cannot be cleaned sufficiently well to ensure that residuals do not remain or if the container cannot be used to store the same product, and then puncture containers, to prevent re-use, and bury at an authorised landfill.</li> <li>Where possible retain label warnings and SDS and observe all notices pertaining to the product.</li> <li>This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shell life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.</li> <li>DO NOT allow wash water from cleaning or process equipment to enter drains.</li> <li>It may be necessary to collect all wash water for treatment before disposal.</li> <li>In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.</li> <li>Where in doubt contact the responsible authority.</li> <li>Recycle wherever possible.</li> <li>Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.</li> <li>Treat and neutralise at an approved treatment plant. Treatment should involve: Neutralisation with soda-ash or soda-lime followed by: burial in a land-fill specifically licenced to accept chemical and / or pharmaceutical wastes or Incineration in a licenced apparatus (after admixture with suitable combustible material).</li> <li>Decontaminate empty containers with 5% aqueous sodium hydroxide or soda ash, followed by water. Observe allowed by water. Obser</li></ul>				
Environmental Regulations	<ul> <li>label safeguards until containers are cleaned and destroyed.</li> <li>Dispose in accordance with federal, state or local regulations.</li> <li>Refer to section 15</li> </ul>				

### 14. TRANSPORT INFORMATION

#### REGULATED FOR TRANSPORT OF DANGEROUS GOODS ADG

UN Number	2796		
Proper Shipping Name	SULPHURIC ACID with not more than 51% acid or BATTERY FLUID, ACID		
Transport Hazard Class	Class: 8	Sub risk: Not Applicable	
Packing group	II		
Environmental Hazards	No relevant data		Will Will
Special Precautions	Not Applicable Limited quantity	1L	CORROSIVE
Additional Information	Marine Pollutant:	Yes	8
Hazchem Code	2R		
Other information	Packaging instruction	ns P001	v



### 15. REGULATORY INFORMATION

#### SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS, LEGISLATION

Sulphuric Acid CAS 7664-9 found on the following reg Lists		······································		
Poisons Schedule (Austra	lia)	6	AICS Status	All the constituents of this product are listed
APVMA Status		Not relevant	AQIS Status	Status not relevant
TGA Status		Not relevant		
Other References	Workpla Approve Hazardo Labelling	us Substances Information g of Workplace Hazardous	Airborne Contaminants lazardous Substances NOHS	9

### 16. OTHER RELEVANT INFORMATION

<b>Revision Information</b>	<b>Revision No</b>	Date	Description		
	1	30/10/15	Initial SDS creation		
	2	11/09/19	Reviewed with minor updates		
Abbreviations	AICS	Australia In	Australia Inventory of Chemical Substances		
	APVMA	Australian F	Australian Pesticides and Veterinary Medicines Authority		
	AQIS	Australian C	Australian Quarantine and Inspection Service		
	CAS #	Chemical Abstract Service Number – used to uniquely identify chemical compounds			
	IARC	Internationa	International Agency for Research on Cancer		
	LC50	Lethal Concentration- toxicity of the surrounding medium that will kill half of the sample population of a specific test- animal in a specified period through exposure via inhalation (respiration)			
	SDS	Safety Data Sheet- (SDS), previously called a Material Safety Data Sheet (SDS),			
	TGA	Therapeutic Goods Administration			