

Safety Data Sheet According to Regulation (EC) No. 453/2010 Date of issue: 30/01/2021

: SDS – MC Acid Pack

Version: 1

	ition of the substance/mixture and of the company/undertaking
.1. Product identifier	
Product form	: Mixture
roduct name	: Battery Acid Pack (Sulfuric Acid)
.2. Relevant identifie	d uses of the substance or mixture and uses advised against
.2.1. Relevant identifie	
lse of the substance/mixture	e : Battery Electrolyte
.2.2. Uses advised aga	linst
lo additional information ava	ailable
.3. Details of the sup	plier of the safety data sheet
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	lustrial Park, My Phuoc wards, Ben Cat Town, Binh Duong Province, Vietnam
* +84-274-3553577 - F +84-3	274-3553576
mail: lcb@lcb.tw .4. Emergency telept	hone number
Emergency number	: T +84-274-3553577 - F +84-274-3553576
	identification
	Regulation (EC) No. 1272/2008 [CLP] Show CLP information + DPD classification in section 2.1
cute Tox. 1 (Inhalation) H3	
ikin Corr. 1A H3	314
ull text of H-phrases: see se	ection 16
lassification according to	Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
	Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]
; Repr.Cat.1; R35	
; Repr.Cat.1; R35 full text of R-phrases: see se	ection 16
; Repr.Cat.1; R35 ull text of R-phrases: see se dverse physicochemical,	ection 16 human health and environmental effects
; Repr.Cat.1; R35 ull text of R-phrases: see se <b>dverse physicochemical,</b> lo additional information ava	ection 16 human health and environmental effects
C; Repr.Cat.1; R35 Full text of R-phrases: see se Adverse physicochemical, lo additional information ava .2. Label elements	ection 16 human health and environmental effects ailable
C; Repr.Cat.1; R35 Full text of R-phrases: see se Adverse physicochemical, No additional information ava 2.2. Label elements	ection 16 human health and environmental effects
C; Repr.Cat.1; R35 Full text of R-phrases: see se Adverse physicochemical, No additional information ava C.2. Label elements Rabelling according to Reg	ection 16 human health and environmental effects ailable
2; Repr.Cat.1; R35 Full text of R-phrases: see set adverse physicochemical, lo additional information ava 2. Label elements abelling according to Reg	ection 16 human health and environmental effects ailable
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C; Repr.Cat.1; R35 Full text of R-phrases: see set Adverse physicochemical, to additional information available additional informati	ection 16 human health and environmental effects ailable gulation (EC) No. 1272/2008 [CLP] : GHS05 : Danger : H314 - Causes severe skin burns and eye damage
C; Repr.Cat.1; R35 Full text of R-phrases: see se Adverse physicochemical, No additional information ava C.2. Label elements Cabelling according to Reg	ection 16 human health and environmental effects ailable gulation (EC) No. 1272/2008 [CLP] : : : : : : : : : : : : :
C; Repr.Cat.1; R35 Full text of R-phrases: see set Adverse physicochemical, to additional information available additional informati	ection 16 human health and environmental effects ailable gulation (EC) No. 1272/2008 [CLP]
2; Repr.Cat.1; R35 Full text of R-phrases: see set Adverse physicochemical, to additional information avainable additional information avainable abelling according to Reg Bazard pictograms (CLP) Signal word (CLP) Bazard statements (CLP)	ection 16 human health and environmental effects ailable gulation (EC) No. 1272/2008 [CLP] : : : : : : : : : : : : :
;; Repr.Cat.1; R35 ull text of R-phrases: see se dverse physicochemical, lo additional information ava .2. Label elements abelling according to Reg azard pictograms (CLP) ignal word (CLP) azard statements (CLP)	ection 16 human health and environmental effects ailable pulation (EC) No. 1272/2008 [CLP]
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2; Repr.Cat.1; R35 full text of R-phrases: see set adverse physicochemical, lo additional information ava .2. Label elements abelling according to Reg lazard pictograms (CLP) signal word (CLP) lazard statements (CLP) trecautionary statements (C	ection 16 human health and environmental effects ailable gulation (EC) No. 1272/2008 [CLP]

## Not applicable

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Name	Product identifier	%	Classification according to
Name	Froductidentine	70	Directive 67/548/EEC
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	60	Not classified
Sulfuric acid	(CAS No) 7664-93-9 (EC no) 231-639-5 (EC index no) 016-020-00-8 (REACH-no) not available	40	C; R35
Name	Product identifier	Specific	concentration limits
Sulfuric acid	(CAS No) 7664-93-9 (EC no) 231-639-5 (EC index no) 016-020-00-8 (REACH-no) not available	(5 =< C < 1 (C >= 15) C	5) XI;R36/38 C;R35
Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS No) 7732-18-5 (EC no) 231-791-2	60	Not classified
Sulfuric acid	(CAS No) 7664-93-9 (EC no) 231-639-5 (EC index no) 016-020-00-8 (REACH-no) not available	40	Skin Corr. 1A, H314
Name	Product identifier	Specific	concentration limits
Sulfuric acid	(CAS No) 7664-93-9 (EC no) 231-639-5 (EC index no) 016-020-00-8	(5 =< C < 1	5) Eye Irrit. 2, H319 5) Skin Irrit. 2, H315 Skin Corr. 1A, H314

Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures after inhalation	: If a battery ruptures, move to fresh air in case of accidental inhalation of mist. If breathing is irregular or stopped, administer artificial respiration. If breathing is difficult, give oxygen. Seek medical attention immediately.
First-aid measures after skin contact	: Rinse immediately with plenty of water for 15 minutes. Remove contaminated clothing, including shoes, after flushing has begun. If a battery ruptures, do not rub or scratchexposed skin. Immediately call a POISON CENTER or doctor/physician.
First-aid measures after eye contact	: Rinse immediately with plenty of water for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If battery ruptures, do not rub or scratch exposed eye.
First-aid measures after ingestion	: If solution of a battery chemicals have been swallowed and the person is conscious, give one glass of water. Do NOT induce vomiting. Vomiting may occur spontaneously. Never give anything by mouth to an unconscious person. Get immediate medical attention.
4.2. Most important symptoms and effect	s, both acute and delayed
Symptoms/injuries after inhalation	: If a battery ruptures, may be harmful or fatal if inhaled in a confined area. May cause severe irritation and burns of the nose, throat and respiratory tract.
Symptoms/injuries after skin contact	: Direct contact with internal components of a battery can be severely irritating to the skin and may result in redness, swelling, burns and severe skin damage. Skin contact may aggravate an existing dermatitis condition. Skin contact may aggravate dermatitis.
Symptoms/injuries after eye contact	: If a battery ruptures, direct contact with the liquid or exposure to vapours or mists may cause tearing, redness, swelling, corneal damage and irreversible eye damage. May cause severe burns.
Symptoms/injuries after ingestion	: Severe irritation or burns to the mouth, throat, oesophagus, and stomach. May be fatal if swallowed.
4.3. Indication of any immediate medical	attention and special treatment needed

Aspiration of this material may cause chemical pneumonia.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. If a battery ruptures, use dry chemical, soda ash, lime, sand or carbon dioxide.
Unsuitable extinguishing media	: None known.
5.2. Special hazards arising from the substance or mixture	
Fire hazard	: Sulfuric acid will not burn but can start fires with organic material, nitrates, carbides, chlorates, and metal powders.

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Explosion hazard	metals to produce hydrogen gas, whi accumulate in containers, avoid igniti	ct explosively with organic materials. Reacts with most ch can form an explosive mixture with air. Hydrogen may on sources. Addition of water to acid causes heat and ver into sewers may generate hydrogen gas or sulfides.
Hazardous decomposition products in case of fire	: Sulfur oxides.	
5.3. Advice for firefighters		
Protective equipment for firefighters	: Use self-contained breathing apparate	us and chemically protective clothing.
SECTION 6: Accidental release me	asures	
6.1. Personal precautions, protective e	equipment and emergency procedures	
General measures	: Avoid contact with spilled material. Do wearing appropriate protective equipr	o not touch damaged containers or spilled material unless nent.
6.1.1. For non-emergency personnel		
Protective equipment	: Wear suitable protective clothing, glov	ves and eye/face protection.
Emergency procedures	: Evacuate area.	
6.1.2. For emergency responders		
Protective equipment	: Wear suitable protective clothing, glov	ves and eye/face protection.
Emergency procedures	: Evacuate unnecessary personnel.	
6.2. Environmental precautions		
Avoid release to the environment.		
6.3. Methods and material for containing	nent and cleaning up	
For containment	: For small spills, absorb or cover with material and place into waste contain	dry earth, sand, or other inert non-combustible absorbent
Methods for cleaning up	<ul> <li>Small spills:collect all released materi into absorbent material or Neutralize absorbent materila, by digging trench</li> </ul>	al in a plastic lined metal container Take up liquid spill with sodium bicarbonate. Large spills:contain liquid using es. Take up liquid spill into inert absorbent material, e.g.: r in accordance with local/national regulations.
6.4. Reference to other sections No additional information available		
SECTION 7: Handling and storage		
7.1. Precautions for safe handling		
Additional hazards when processed	: Protect from physical damage.	
Precautions for safe handling	: Avoid all eye and skin contact and do	not breathe vapour and mist. Since emptied containers arnings even after container is emptied. Non-static es should be worn.
Hygiene measures		g this product. Wash contaminated clothing prior to re- areas with mild soap and water before eating, drinking or
7.2. Conditions for safe storage, include	ding any incompatibilities	
Technical measures	: Provide local exhaust or general room	n ventilation.
Storage conditions	: Store in a dry, cool and well-ventilated place. Keep away from heat and direct sunlight.	
Incompatible products	: alkaline substances.	
Special rules on packaging : Store in original container or corrosive resistant and/or lined container.		e resistant and/or lined container.
7.3. Specific end use(s)		
No additional information available		
SECTION 8: Exposure controls/per	sonal protection	
8.1. Control parameters		
Sulfuric acid (7664-93-9)		
EU IOELV TWA	(mg/m³)	0,05 mg/m <sup>3</sup> (taking into account potential limitations and interferences which take place in the presence of other Sulphur compounds-mist)

		and interferences which take place in the presence of other Sulphur compounds-mist)
Austria	MAK (mg/m³)	0,1 mg/m <sup>3</sup> (corresponds to 0.05 mg/m3 Thoracic- inhalable fraction)
Austria	MAK Short time value (mg/m <sup>3</sup> )	0,2 mg/m <sup>3</sup> (inhalable fraction)
Belgium	Limit value (mg/m <sup>3</sup> )	0,2 mg/m <sup>3</sup>

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Sulfuric acid (7664-93-	9)	
Bulgaria	OEL TWA (mg/m³)	0,05 mg/m <sup>3</sup> (When choosing a suitable method for monitoring exposure should take into account potential constraints and interactions that may occur in the presence of other sulfur compounds-respirable aerosol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup>
Cyprus	OEL TWA (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (vapor)
Czech Republic	Expoziční limity (PEL) (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> 0,05 mg/m <sup>3</sup> (concentrated-mist)
Denmark	Grænseværdie (langvarig) (mg/m³)	0,05 mg/m <sup>3</sup> (thoracic fraction-mist)
Estonia	OEL TWA (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup> (fume)
Finland	HTP-arvo (8h) (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup>
Finland	HTP-arvo (15 min)	0,1 mg/m <sup>3</sup>
France	VME (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (thoracic fraction)
France	VLE (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Germany	TRGS 900 Occupational exposure limit value (mg/m <sup>3</sup> )	0,1 mg/m <sup>3</sup> (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Gibraltar	OEL TWA (mg/m³)	0,05 mg/m <sup>3</sup> (when selecting an appropriate exposure monitoring method, account should be taken of potential limitations and interferences that may arise in the presence of other sulphur compounds-thoracic fraction)
Greece	OEL TWA (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (mist)
Hungary	AK-érték	0,05 mg/m <sup>3</sup>
Ireland	OEL (8 hours ref) (ppm)	0,05 ppm
Ireland	OEL (15 min ref) (ppm)	0,15 ppm (calculated)
Italy	OEL TWA (mg/m³)	0,05 mg/m <sup>3</sup> (When choosing a suitable method for monitoring exposure should take into account potential constraints and interactions that may occur in the presence of other sulfur compounds, respirable fraction-thoracic fraction, mist)
Latvia	OEL TWA (mg/m³)	0,05 mg/m <sup>3</sup> (choosing an appropriate exposure monitoring method, there should be taken into account the possible limitations and the impact that may result from the presence of other sulfur components-fog, which is defined as the thoracic fraction)
Lithuania	IPRV (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (vapor)
Lithuania	TPRV (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup> (fog-vapor)
Luxembourg	OEL TWA (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup>
Malta	OEL TWA (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (mist)
Netherlands	Grenswaarde TGG 8H (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (defined as thoracic fraction-mist)
Poland	NDS (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (thoracic fraction)
Portugal	OEL TWA (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (thoracic fraction-mist)
Romania	OEL TWA (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup>
Slovakia	NPHV (priemerná) (mg/m <sup>3</sup> )	0,1 mg/m <sup>3</sup>
Slovenia	OEL TWA (mg/m³)	0,05 mg/m <sup>3</sup> (inhalable fraction, fog)
Spain	VLA-ED (mg/m³)	0,05 mg/m <sup>3</sup> (indicative limit value; it is prohibited the partial or complete commercialization or use of this substance as a phytosanitary or biocide compound; limitations and interferences can arise from other Sulfur compounds-mist)
Sweden	nivågränsvärde (NVG) (mg/m³)	0,1 mg/m <sup>3</sup>
Sweden	kortidsvärde (KTV) (mg/m³)	0,2 mg/m <sup>3</sup>
United Kingdom	WEL TWA (mg/m <sup>3</sup> )	0,05 mg/m <sup>3</sup> (mist)
Norway	Gjennomsnittsverdier (AN) (mg/m³)	0,1 mg/m <sup>3</sup> (inhalable fraction)
Norway	Gjennomsnittsverdier (Korttidsverdi) (mg/m3)	0,3 mg/m <sup>3</sup> (inhalable fraction)
Switzerland	VME (mg/m³)	0,1 mg/m <sup>3</sup> (inhalable)
Switzerland	VLE (mg/m <sup>3</sup> )	0,1 mg/m <sup>3</sup> (inhalable)

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Sulfuric acid (7664-93-9)		
Australia	TWA (mg/m³)	1 mg/m³
Australia	STEL (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Canada (Quebec)	VECD (mg/m <sup>3</sup> )	3 mg/m <sup>3</sup>
Canada (Quebec)	VEMP (mg/m <sup>3</sup> )	1 mg/m <sup>3</sup>
USA - ACGIH	ACGIH TWA (mg/m³)	0,2 mg/m <sup>3</sup> (thoracic fraction)
USA - IDLH	US IDLH (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
USA - NIOSH	NIOSH REL (TWA) (mg/m³)	1 mg/m <sup>3</sup>
USA - OSHA	OSHA PEL (TWA) (mg/m³)	1 mg/m³

#### 8.2. Exposure controls

Appropriate engineering controls

Personal protective equipment

Materials for protective clothing

Hand protection

Eye protection

Skin and body protection

Respiratory protection

- : Mechanical ventilation is recommended. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- : Safety glasses. Gloves. Insufficient ventilation: wear respiratory protection. Protective clothing.
- : Plastic apron or overall. neoprene/natural rubber
- : Wear suitable gloves tested to EN374. Use neoprene gloves
  - : Chemical goggles or face shield with safety glasses. DIN EN 166
  - : Wash contaminated clothing before reuse. IF ON SKIN: Wash with plenty of soap and water.
  - : In case of insufficient ventilation, wear suitable respiratory equipment. half-mask with filter according to EN 149.



#### SECTION 9: Physical and chemical properties

9.1. Information on basic physical and	d chemical properties
Physical state	: Liquid
Appearance	: Clear. liquid.
Colour	: transparent.
Odour	: penetrating. Sharp. pungent.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butyl acetate=1)	: <1
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 95 - 95,5 °C
Flash point	: Non-flammable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 10 mm Hg
Relative vapour density at 20 °C	: >1
Relative density	: No data available
Density	: 1,215 - 1,35 g/m³
Solubility	: Soluble in water. Water: 100 %
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
No additional information available	

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SECTION 10: Stability and reactivity	
10.1. Reactivity	
Stable under normal conditions.	
10.2. Chemical stability	
Stable at normal conditions.	
10.3. Possibility of hazardous reactions	
Hazardous polymerization will not occur.	
10.4. Conditions to avoid	
Mechanical impact. Heat sources.	
10.5. Incompatible materials	
•	aterials. Oxidising agents. amines. Bases. Chlorates. iron. Nitrates. Perchlorates. Permanganates. romethane. Benzene.
10.6. Hazardous decomposition products	
	g gases are released following thermal decomposition or combustion.
SECTION 11: Toxicological informati	
11.1. Information on toxicological effects	
Acute toxicity	: Inhalation: Fatal if inhaled.
Sulfuric Acid-	
LD50 oral rat	2140 mg/kg bodyweight
LC50 inhalation rat (mg/l)	510 mg/m <sup>3</sup>
ATE CLP (vapours)	0,050 mg/l/4h
ATE CLP (dust,mist)	0,005 mg/l/4h
Sulfuric acid (7664-93-9)	
LD50 oral rat	2140 mg/kg
LC50 inhalation rat (mg/l)	510 mg/m <sup>3</sup> (Exposure time: 2 h)
Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	: Serious eye damage, category 1, implicit
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified : Not classified
Carcinogenicity	
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
SECTION 12: Ecological information	
12.1. Toxicity	
Sulfuric acid (7664-93-9)	
LC50 fish 1	82 mg/l (Exposure time:24 h - Species: Brachydanio rerio [static])
12.2. Persistence and degradability	
Sulfuric Acid-	
Persistence and degradability	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. The products of degradation are more Toxic.
12.3. Bioaccumulative potential	
Sulfuric acid (7664-93-9)	
BCF fish 1	(no bioaccumulation)
12.4. Mobility in soil	
No additional information available	
12.5. Results of PBT and vPvB assessmen	<b>*</b>
No additional information available	

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12.6. Other adverse effects	
No additional information available	
SECTION 13: Disposal conside	rations
13.1. Waste treatment methods	
Regional legislation (waste)	: Dispose of contents/container to comply with applicable local, national and international regulations.
Waste treatment methods	: Recycling the product is recommended. Waste must be disposed of in accordance with federal, state, and local environmental control regulations.
Waste disposal recommendations	: Consult the appropriate local waste disposal expert about waste disposal Since emptied containers retain product residue, follow label warnings even after container is emptied.

### **SECTION 14: Transport information**

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number	
UN-No. (ADR)	: 2796
UN-No. (IMDG)	: 2796
UN-No.(IATA)	: 2796
UN-No.(ADN)	: 2796
UN-No. (RID)	: 2796
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: SULPHURIC ACID / BATTERY FLUID ACID
Proper Shipping Name (IMDG)	: SULPHURIC ACID
Proper Shipping Name (IATA)	: Sulphuric acid
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
Transport document description (ADR)	: UN 2796 SULPHURIC ACID / BATTERY FLUID, ACID, 8, II, (E)
Transport document description (ADR) (IMDG)	: UN 2796 SULPHURIC ACID, 8, II
14.3. Transport hazard class(es)	

### ADR

Transport hazard class(es) (ADR) Danger labels (ADR)





### IMDG

Transport hazard class(es) (IMDG) Danger labels (IMDG)

### IATA

Transport hazard class(es) (IATA) Hazard labels (IATA)





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AND	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: 8
Danger labels (RID)	: 8
14.4. Packing group	
Packing group (ADR)	: 11
Packing group (IMDG)	: II
Packing group (IATA)	: 11
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
	· · · · · · · · · · · · · · · · · · ·
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available
14.6. Special precautions for user	
14.6.1. Overland transport	
Classification code (ADR)	: C1
Limited quantities (ADR)	: 11
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P001, IBC02
Mixed packing provisions (ADR)	: MP15
Portable tank and bulk container instructions	: T8
(ADR) Portable tank and bulk container special	: TP2
provisions (ADR)	. 172
Tank code (ADR)	: L4BN
Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Hazard identification number (Kemler No.)	: 80
Orange plates	
5 1	80
	2796
Tunnel restriction code (ADR)	: E
EAC code	: 2R
14.6.2. Transport by sea	
Limited quantities (IMDG)	: 1L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
IBC special provisions (IMDG)	: B20
Tank instructions (IMDG)	: T8
Tank special provisions (IMDG)	: TP2
EmS-No. (Fire)	: F-A
EmS-No. (Spillage)	: S-B
Stowage category (IMDG)	: B
Properties and observations (IMDG)	: Colorless liquid, mixture not exceeding 1.405 relative density. Highly corrosive to most
	Metals. Causes burns to skin, eyes and mucous membranes.
MFAG-No	: 157

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14.6.3. Air transport			
PCA Excepted quantities (IATA)	: E2		
PCA Limited quantities (IATA)	: Y840		
PCA limited quantity max net quantity (IATA)	: 0.5L		
PCA packing instructions (IATA)	: 851		
PCA max net quantity (IATA)	: 1L		
CAO packing instructions (IATA)	: 855		
CAO max net quantity (IATA)	: 30L		
ERG code (IATA)	: 8L		
14.6.4. Inland waterway transport			
Not subject to ADN	: No		
14.6.5. Rail transport			
Carriage prohibited (RID)	: No		
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			
Not applicable			
SECTION 15: Regulatory information			
15.1. Safety, health and environmental	. Safety, health and environmental regulations/legislation specific for the substance or mixture		

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions Sulfuric Acid- is not on the REACH Candidate List Contains no substance on the REACH candidate list Contains no REACH Annex XIV substances

### 15.1.2. National regulations

Water hazard class (WGK)

#### Germany

: 3 - severe hazard to waters

### 15.2. Chemical safety assessment

CSA has not been established

### Full text of R-, H- and EUH-phrases:

Acute Tox. 1 (Inhalation)	Acute toxicity (inhalation) Category 1
Skin Corr. 1A	Skin corrosion/irritation Category 1A
H314	Causes severe skin burns and eye damage
H330	Fatal if inhaled
R35	Causes severe burns
С	Corrosive

#### SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product