Powered by

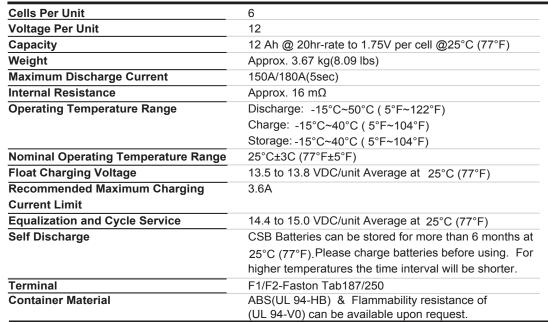


GP 12120

► 12V 12Ah

GP 12120 is a general purpose battery up to 5 years in standby service or more than 260 cycles at 100% discharge in cycle service. As with all CSB batteries, all are rechargeable, highly efficient, leak proof and maintenance free.

Specification











CSB-manufactured VRLA batteries are UL-recognized components under UL924 and UL1989.

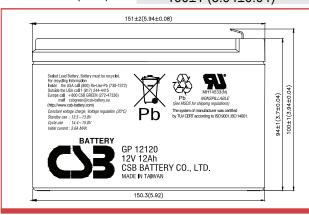
CSB is also certified by ISO 9001 and ISO 14001.

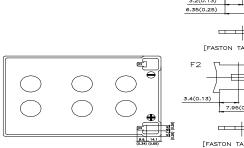
➤ Dimensions : Unit: mm (inch)

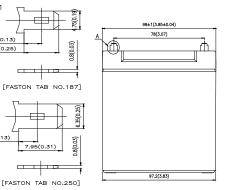
Overall Height (H) 100±1 (3.94±0.04)

Container height (h) 94±1 (3.7±0.04)

Length (L) 151±2 (5.94±0.08) Width (W) 98±1 (3.85±0.04)





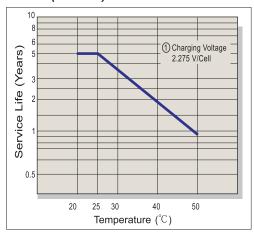


	Constant Current Discharge Characteristics Unit:A (25°C,77°F)											
F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	51.2	33.2	23.9	13.9	8.14	5.90	4.69	3.37	2.24	1.45	1.19	0.62
1.67V	48.2	32.0	23.6	13.7	8.12	5.84	4.62	3.35	2.21	1.44	1.18	0.61
1.70V	46.3	31.6	23.3	13.6	8.08	5.82	4.61	3.32	2.18	1.43	1.17	0.61
1.75V	43.3	30.0	22.6	13.4	8.03	5.77	4.57	3.26	2.13	1.40	1.15	0.61
1.80V	38.8	28.0	21.5	13.0	7.81	5.64	4.48	3.17	2.06	1.37	1.14	0.59
1.85V	34.2	25.3	19.8	12.3	7.51	5.41	4.29	3.03	1.97	1.32	1.09	0.57

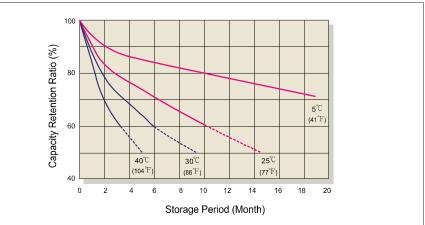
	Constant Power Discharge Characteristics Unit:W (25°C,77°F)											
F.V/Time	5MIN	10MIN	15MIN	30MIN	60MIN	90MIN	2HR	3HR	5HR	8HR	10HR	20HR
1.60V	539	347	268	160	97.9	70.6	55.9	39.6	25.3	16.7	13.8	7.70
1.67V	515	342	265	159	97.7	70.2	55.6	39.3	25.2	16.6	13.7	7.63
1.70V	499	336	262	158	97.0	69.9	55.4	39.0	25.0	16.5	13.6	7.61
1.75V	462	326	256	156	96.1	69.3	54.9	38.5	24.4	16.2	13.4	7.54
1.80V	418	307	243	153	94.8	68.0	53.7	37.7	24.1	15.8	13.1	7.42
1.85V	369	280	221	144	91.6	66.2	52.6	36.3	23.3	15.5	12.7	7.23

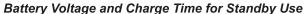


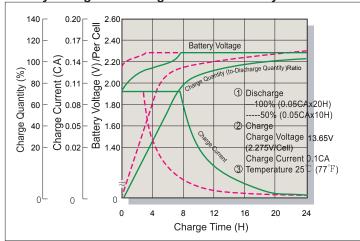
Trickle (or Float) Service Life



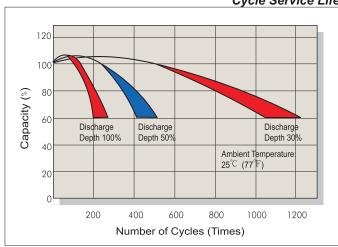
Capacity Retention Characteristic



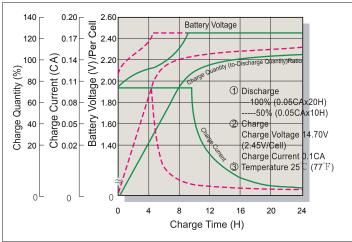




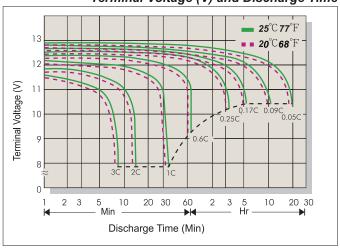
Cycle Service Life



Battery Voltage and Charge Time for Cycle Use



Terminal Voltage (V) and Discharge Time



Charging Procedures

Application	Ch	narge Voltage	e(V/Cell)	Max.Charge Current
Application	Temperature	Set Point	Allowable Range	Max.Charge Current
Cycle Use	25 °ℂ(77 °F)	2.45	2.40~2.50	0.3C
Standby	25 °ℂ(77 °F)	2.275	2.25~2.30	0.30

Discharge Current VS. Discharge Voltage

Final Discharge Voltage V/Cell	1.75	1.70	1.60	1.30
Discharge Current(A)	0.2C>(A)	0.2C<(A)<0.5C	0.5C<(A)<1.0C	(A)>1.0C

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Printing date: 01.01.2022 Version No: 4.00 Revision: 01.01.2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- · 1.1 Product identifier
- · Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)
- · 1.2 Relevant identified uses of the substance or mixture and uses advised against
- · Application of the substance / the preparation: Batteries
- · Uses advised against: No further relevant information available.
- · 1.3 Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

CSB Energy Technology Co., Ltd.

No. 16 Gongye W. Rd.

Erzhen Village, Guantian District

Tainan City 72048 Taiwan (R.O.C.)

Phone: +886-6-698-7600 Fax: +886-6-698-7605

E-mail: service@csb-battery.com.tw

· 1.4 Emergency telephone number:

Taiwan Office: +886-2-2880-5600 (Business hour in Taiwan)

Europe Office: +31 (0) 180 418 140 (Keurmeesterstraat 28-30, 2984 BA Ridderkerk, The Netherlands)

Chemtrec: (800) 424-9300 / +1 703 527-3887

SECTION 2: Hazards identification

- · 2.1 Classification of the substance or mixture
- · Classification according to Regulation (EC) No 1272/2008

Acute Tox. 4 Harmful if swallowed. H302 Acute Tox. 4 H332 Harmful if inhaled.

Skin Corr. 1A Causes severe skin burns and eye damage. H314

Eye Dam. 1 H318 Causes serious eye damage. Carc. 2 H351 Suspected of causing cancer.

Repr. 1A H360FD-H362 May damage fertility. May damage the unborn child. May cause harm to

breast-fed children.

STOT RE 1 Causes damage to organs through prolonged or repeated exposure. H372

H400 Aquatic Acute 1 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.

- · 2.2 Label elements
- · Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

· Hazard pictograms









GHS05

GHS07

GHS09 GHS08

· Signal word Danger

· Hazard-determining components of labelling:

lead dioxide sulphuric acid lead lead sulphate

(Contd. on page 2)

Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 1)

· Hazard statements

H302+H332 Harmful if swallowed or if inhaled. H314 Causes severe skin burns and eye damage.

H351 Suspected of causing cancer.

H360FD-H362 May damage fertility. May damage the unborn child. May cause harm to breast-fed children.

H372 Causes damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

· Precautionary statements

P260 Do not breathe dusts or mists.

Avoid contact during pregnancy and while nursing.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with

water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international

regulations.

· Additional information:

EUH201 Contains lead. Should not be used on surfaces liable to be chewed or sucked by children.

· 2.3 Other hazards

- · Results of PBT and vPvB assessment
- · PBT: Not determined.
- · vPvB: Not determined.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description:		
CAS: 9003-56-9	ABS	5 - 9%
CAS: 65997-17-3	Fibrous Glass	1 - 2%
EC number: 266-046-0		

EC number: 200-040-0		
· Dangerous components:		
CAS: 7439-92-1	lead	40 - 60%
EC number: 231-100-4	Repr. 1A, H360FD-H362; STOT RE 1, H372	
CAS: 1309-60-0	lead dioxide	15 - 30%
EC number: 215-174-5	Repr. 1A, H360Df; STOT RE 2, H373; Aquatic Acute 1, H400;	
Index number: 082-001-00-6	Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H332	
CAS: 7664-93-9	sulphuric acid	20 - 30%
EC number: 231-639-5	Skin Corr. 1A, H314	
Index number: 016-020-00-8		
CAS: 7446-14-2	lead sulphate	1 - 10%
EC number: 231-198-9	Repr. 1A, H360Df; STOT RE 2, H373; Aquatic Acute 1, H400;	
Index number: 082-001-00-6	Aquatic Chronic 1, H410; Acute Tox. 4, H302; Acute Tox. 4, H332	

·SVHC

CAS: 7439-92-1 lead

Additional information: For the wording of the listed hazard phrases refer to section 16.

GB

Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 2)

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Take affected persons out of danger area and lay down.

Immediately remove any clothing soiled by the product.

In case of irregular breathing or respiratory arrest provide artificial respiration.

· After inhalation:

Supply fresh air or oxygen; call for doctor.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately rinse with water.

Call a doctor immediately.

· After eye contact:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Call a doctor immediately.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do NOT induce vomiting.

Call for a doctor immediately.

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- · 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- · 5.1 Extinguishing media
- Suitable extinguishing agents:

CO₂ powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · 5.2 Special hazards arising from the substance or mixture

There is a possibility of explosion of the product by heat.

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide

Carbon dioxide

Sulphur oxides (SOx)

- · 5.3 Advice for firefighters
- · Protective equipment: Wear self-contained respiratory protective device.
- · Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures

Do not touch or walk through the leakage.

Ensure adequate ventilation.

Wear protective equipment. Keep unprotected persons away.

Avoid formation of dust.

Keep away from ignition sources.

• 6.2 Environmental precautions: Do not allow to enter sewers/surface or ground water.

(Contd. on page 4)

Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 3)

· 6.3 Methods and material for containment and cleaning up:

Absorb spillage with dry earth, sand or other fire retardant material or covered by, put into sealed container for waste disposal. And then, neutralize the spillage with sodium bicarbonate or slaked lime, and wash off with plenty of water.

Use neutralising agent.

Pick up mechanically.

Dispose of the material collected according to regulations.

· 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Do not dismantle or modify the product.

Do not do short-circuit between the terminals.

Ensure good ventilation/exhaustion at the workplace.

· Information about fire and explosion protection:

Hydrogen emission will occur during charging which will form explosive air mixture.

Keep ignition sources away - Do not smoke.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- · Information about storage in one common storage facility: Store away from oxidising agents.
- · Further information about storage conditions:

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Ingredients with limi	it values that require monitoring at the workplace:
CAS: 7439-92-1 lead	1
BOELV (EU)	Long-term value: 0.15 mg/m^3 as Pb
CAS: 1309-60-0 lead	l dioxide
BOELV (EU)	Long-term value: 0.15 mg/m³ as Pb
CAS: 7664-93-9 sulp	huric acid
WEL (Great Britain)	Long-term value: 0.05* mg/m³ *mist: defined as thoracic fraction
IOELV (EU)	Long-term value: 0.05 mg/m³
CAS: 7446-14-2 lead	l sulphate
BOELV (EU)	Long-term value: 0.15 mg/m^3 as Pb

(Contd. on page 5)

Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 4)

- · 8.2 Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Do not eat, drink, smoke or sniff while working.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Store protective clothing separately.

Avoid contact with the eyes and skin.

The usual precautionary measures are to be adhered to when handling chemicals.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:



Protective gloves

Only use chemical-protective gloves with CE-labelling of category III.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed

- · Eye protection: Safety glasses
- · Body protection: Protective work clothing

SECTION 9: Physical and chemical properties

•	1 1	
· 9.1 Information on basic physical a	nd chemical properties	
· General Information	• •	
· Appearance:		
Form:	Solid	
Colour:	Not determined.	
· Odour:	Not determined.	
· Odour threshold:	Not determined.	
· pH-value:	≤1	
· Change in condition		
Melting point/freezing point:	Not determined.	
Initial boiling point and boiling re	inge: Not determined.	
· Flash point:	Non-flammable.	
· Flammability (solid, gas):	Not applicable.	
· Ignition temperature:	Not combustible.	

(Contd. on page 6)

Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

	(Contd. of page 5
Decomposition temperature:	Not determined.
Explosive properties:	Product does not present an explosion hazard. Hydrogen generated during charing may form explosive air mixture.
Explosion limits:	
Lower:	4 Vol % (Hydrogen)
Upper:	75 Vol % (Hydrogen)
Oxidising properties	No
· Vapour pressure:	Not determined.
Density:	Not determined.
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability No decomposition if used and stored according to specifications.
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions

May produce violent reactions with bases.

Reacts with metals forming hydrogen.

- · 10.4 Conditions to avoid Keep away from heat and direct sunlight.
- · 10.5 Incompatible materials:

Strong oxidizing agents

Reducing agent

Alkaline materials (bases)

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- · Acute toxicity

Harmful if swallowed or if inhaled.

· LD/LC50	values relev	ant for classification:	
CAS: 7439	9-92-1 lead		
Inhalative	LC50 (4h)	11 mg/L (vapour)	
CAS: 7664	1-93-9 sulpl	nuric acid	
Oral	LD50	2140 mg/kg (Rat)	
Inhalative	LC50 (4h)	0.375 mg/L (Rat) (OECD Guideline 403, inhalation:aerosol)	(0)

(Contd. on page 7)

Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 6)

- Primary irritant effect:
- · Skin corrosion/irritation

Causes severe skin burns and eye damage.

· Serious eye damage/irritation

Causes serious eye damage.

- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity

Suspected of causing cancer.

Reproductive toxicity

May damage fertility. May damage the unborn child. May cause harm to breast-fed children.

- · STOT-single exposure Based on available data, the classification criteria are not met.
- · STOT-repeated exposure

Causes damage to organs through prolonged or repeated exposure.

· Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

· Aquatic toxicity:	
CAS: 7664-93-9 sulp	phuric acid
LC50 (96h) (static)	> 16 - < 28 mg/L (Fish) (Lepomis macrochirus)
	nominal
<i>ErC50 (72h) (static)</i>	> 100 mg/L (Algae) (OECD Guideline 201, Desmodesmus subspicatus)
	nominal
EC50 (48h) (static)	> 100 mg/L (Daphnia) (OECD Guideline 202, Daphnia magna)
	nominal
CAS: 7446-14-2 lead	l sulphate
IC50	0.5 mg/L (Daphnia) (48h, Daphnia magna)

- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- **Recommendation:** Must be specially treated adhering to official regulations.
- · Uncleaned packaging
- · Recommendation: Disposal must be made according to official regulations.

GR

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Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 7)

14.1 UN-Number	
ADR/RID/ADN, IMDG, IATA	UN2800
14.2 UN proper shipping name	
ADR/RID/ADN	BATTERIES, WET, NON-SPILLABLE, electric storage
IMDG, IATA	BATTERIES, WET, NON-SPILLABLE, electric storage
14.3 Transport hazard class(es)	
ADR/RID/ADN, IMDG, IATA	
Class Label	8 Corrosive substances.
	U
14.4 Packing group ADR/RID/ADN, IMDG, IATA	Not applicable.
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	
Hazard identification number (Kemler code):	Not applicable.
EMS Number: Stowage Category	Not applicable. Not applicable.
14.7 Transport in bulk according to Annex II o MARPOL73/78 and the IBC Code:	o f Not applicable.
Transport/Additional information:	
Remarks:	Special Provision: ADR/RID: New and spent (used) batteries are exempted from all AD
	RID (special provision 598)
	SEA transport: non-Spillable batteries meet the requirements of Speci Provision 238, they are exempted from all IMDG cod and are not subject to special regulation for sea transport
	Air transport: Special Provision A67: CSB's VRLA batteries meet t requirements of Packing Instruction 872.
	The battery has been prepared for transport so as to prevent:
	a) A short circuit by the effective insulation of expositerminals; andb) Unintentional activation.
	Remarks: All batteries are identified as "Battery, Electric Storag Wet, Non-spillable" when transported by air, sea or land transportation.

Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 8)

The battery(s) must be identified as above on the Bill of Lading and properly packed with their terminals protected from short circuit.

Our battery(s) warning label identifies each battery as NON SPILLABLE.

CSB VRLA-AGM batteries are classified as "Non spillable" for the purpose of transportation as result of passing the Vibration and Pressure Differential Test.

CSB VRLA-AGM batteries can be safely transported on deck, or under deck stored on either a passenger or cargo vessel as result of passing the Vibration and Pressure Differential Tests as described in the IMDG regulations (Special Provision 238).

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category E1 Hazardous to the Aquatic Environment
- Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t
- \cdot Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t
- · REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 30, 63, 72

· Regulation (EU) No 649/2012		
CAS: 1309-60-0	lead dioxide	Annex I Part 1
CAS: 7446-14-2	lead sulphate	Annex I Part 1

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

CAS: 7439-92-1 lead

- · National regulations:
- · Other regulations, limitations and prohibitive regulations
- · Substances of very high concern (SVHC) according to REACH, Article 57

CAS: 7439-92-1 lead

· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H332 Harmful if inhaled.

(Contd. on page 10)

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Trade name: Valve Regulated Lead-acid Battery (VRLA Battery)

(Contd. of page 9)

H360Df May damage the unborn child. Suspected of damaging fertility.

H360FD May damage fertility. May damage the unborn child.

May cause harm to breast-fed children.

H372 Causes damage to organs through prolonged or repeated exposure.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· Abbreviations and acronyms:

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

MARPOL: (from Marine Pollutant) International Convention for the Prevention of Marine Pollution from Ships

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

UN: United Nations (also UNO: United Nations Organization)

NOEC: No Observed Effect Concentration

OECD: Organisation for Economic Co-operation and Development

ASTM: American Society for Testing and Materials

WAF: Water Accommodated Fraction

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Acute Tox. 4: Acute toxicity - oral - Category 4

Skin Corr. 1A: Skin corrosion/irritation - Category 1A

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

Carc. 2: Carcinogenicity – Category 2

Repr. 1A: Reproductive toxicity - Category 1A

Repr. 1A: Reproductive toxicity - Category 1A

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1

* * Data compared to the previous version altered.