

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878 Issue date: 4-11-2022 Version: 1.0

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

1.1. Product identifier

Product name Product code	 Article Hand Blender Li-ion battery KAHB600BK SP-188 Lithium cells and batteries are not subject to provision of ADR because lithium
Type of product	metal is less than 2 gram.

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Intended for general public Use of the substance/mixture

: Electrical batteries and accumulators

1.2.2. Uses advised against

Restrictions on use

: Do not open batteries

1.3. Details of the supplier of the safety data sheet

Nedis B.V. De Tweeling 28 5215MC 's Hertogenbosch – The Netherlands T +31 735991055 www.nedis.com

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains

: Phosphate(1),hexafluoro-,Lithium, cobalt lithium manganese nickel oxide

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
cobalt lithium manganese nickel oxide	CAS-No.: 346417-97-8 EC-No.: 620-032-4	29,2 – 35,2	Skin Sens. 1, H317 Carc. 2, H351
Iron	CAS-No.: 7439-89-6 EC-No.: 231-096-4	22,8 - 26,8	Not classified
Carbon	CAS-No.: 7440-44-0 EC-No.: 231-153-3	16,8 – 20,8	Eye Irrit. 2, H319
dimethyl carbonate	CAS-No.: 616-38-6 EC-No.: 210-478-4 EC Index-No.: 607-013-00-6	6,4 - 8,4	Flam. Liq. 2, H225
copper	CAS-No.: 7440-50-8	6,2 - 8,2	Aquatic Chronic 2, H411
aluminium	CAS-No.: 7429-90-5 EC-No.: 231-072-3 EC Index-No.: 013-002-00-1	3,5 – 4,5	Water-react. 2, H261 Flam. Sol. 1, H228
ETHYLENE CARBONATE	CAS-No.: 96-49-1 EC-No.: 202-510-0	2,5 – 3,5	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319 STOT RE 2, H373
Phosphate(1),hexafluoro-,Lithium	CAS-No.: 21324-40-3	1,4 – 2,4	Acute Tox. 3 (Oral), H301 Skin Corr. 1, H314 STOT RE 1, H372
diethyl carbonate	CAS-No.: 105-58-8 EC-No.: 203-311-1	0,5 - 0,9	Flam. Liq. 3, H226

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	Dry powder. Foam.
5.2. Special hazards arising from the substan	nce or mixture
	Flammable solid. Toxic fumes may be released.

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5.3. Advice for firefighters	
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
SECTION 6: Accidental release m	easures
6.1. Personal precautions, protective	equipment and emergency procedures
6.1.1. For non-emergency personnel Emergency procedures 6.1.2. For emergency responders	: Ventilate spillage area. No open flames, no sparks, and no smoking.
Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
6.2. Environmental precautions	
Avoid release to the environment.	
6.3. Methods and material for contain	ment and cleaning up
Methods for cleaning up Other information	Mechanically recover the product.Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	

For further information refer to section 13.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not allow contact with water.
7.2. Conditions for safe storage, including a	ny incompatibilities
Storage conditions	: Store in a well-ventilated place. Keep cool. Keep away from ignition sources. Protect from moisture. Store in a dry place. Store in a well-ventilated place.
Storage temperature	: <70 °C
7.3. Specific end use(s)	

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

copper (7440-50-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name Copper	
Remark	(Year of adoption 2014)
Regulatory reference	SCOEL Recommendations
Netherlands - Occupational Exposure Limits	
Local name	Koper

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copper (7440-50-8)	
TGG-8u (OEL TWA)	0,1 mg/m³ en anorganische koperverbindingen (inhaleerbaar)
Regulatory reference	Arbeidsomstandighedenregeling 2022

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

No additional information available

8.2.2.2. Skin protection

No additional information available

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: No data available
Odour	: odourless.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: > 300 °C
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Flammability (solid, gas)	: Flammable solid, In contact with water releases flammable gases.
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available

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Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport. Flammable solid.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. In contact with water releases flammable gases.

10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition. Water, humidity.

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects	
Acute toxicity (oral):Acute toxicity (dermal):Acute toxicity (inhalation):	Not classified Not classified Not classified
Carbon (7440-44-0)	
LD50 oral rat	≥ 2000 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method), Guideline: EU Method B.1 tris (Acute Oral Toxicity - Acute Toxic Class Method)
diethyl carbonate (105-58-8)	
LD50 oral rat	> 4876 mg/kg bodyweight Animal: rat, Animal sex: male, Remarks on results: other:
Skin corrosion/irritation :	Not classified
Serious eye damage/irritation :	Not classified
Respiratory or skin sensitisation :	Not classified
Germ cell mutagenicity :	Not classified
Carcinogenicity :	Not classified
Reproductive toxicity :	Not classified
Carbon (7440-44-0)	
NOAEL (animal/male, F0/P)	≥ 859 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

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	Not classified Not classified	
Phosphate(1),hexafluoro-,Lithium (21324-40-3)		
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.	
ETHYLENE CARBONATE (96-49-1)		
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.	
diethyl carbonate (105-58-8)		
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90- Day Oral Toxicity Study in Rodents)	
Aspiration hazard :	Not classified	
Hand Blender Li-ion battery		
Viscosity, kinematic	Not applicable	

12.1. Toxicity	
Hazardous to the aquatic environment, short-term (acute)	 Harmful to aquatic life with long lasting effects. Not classified Not classified
diethyl carbonate (105-58-8)	
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

12.2. Persistence and degradability

SECTION 12: Ecological information

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil
No additional information available
12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations	
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information	
In accordance with ADR / IMDG / IATA / ADN / RID	

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ADR	IMDG	ΙΑΤΑ	ADN	RID
14.1. UN number				
UN 3481	UN 3481	UN 3481	UN 3481	UN 3481
14.2. UN proper shippin	g name		1	1
LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT EQUIPMENT		Lithium ion batteries contained in equipment	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT	LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT
Transport document descr	iption		1	I
UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A, (E) UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9		UN 3481 Lithium ion batteries contained in equipment, 9A	UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A	UN 3481 LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT, 9A
14.3. Transport hazard o	lass(es)		1	I
9A	9	9A	9A	9A
14.4. Packing group	×			
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental haz				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
14.6. Special precautions Overland transport Classification code (ADR)	s for user : M4			
Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Transport category (ADR) Tunnel restriction code (ADR) EAC code	: 0 : E0 : P9 : 2 : E	 188, 230, 310, 348, 360, 376, 377, 387, 670 0 E0 P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906 2 		
Transport by sea Special provisions (IMDG) Limited quantities (IMDG) Excepted quantities (IMDG) Packing instructions (IMDG) EmS-No. (Fire) EmS-No. (Spillage) Stowage category (IMDG) Stowage and handling (IMDG) Properties and observations (al provisions (IMDG) : 188, 230, 310, 348, 360, 376, 377, 384, 387 ad quantities (IMDG) : 0 beted quantities (IMDG) : E0 ng instructions (IMDG) : P903, P908, P909, P910, P911, LP903, LP904, LP905, LP906 No. (Fire) : F-A No. (Spillage) : S-I age category (IMDG) : A			
Air transport PCA Excepted quantities (IAT	ΈA) : Ε0			

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: Forbidden
: Forbidden
: 967
: 5kg
: 967
: 35kg
: A48, A88, A99, A154, A164, A181, A185, A206, A213, A220
: 12FZ
: M4
: 188, 230, 310, 348, 360, 376, 377, 387, 670
: 0
: E0
: PP
: 0
: M4
: 188, 230, 310, 348, 360, _376, 377, 387, 670
: 0
: E0
: P903, 908, 909, P910, P911, LP903, LP904, LP905, LP906
: 2
: CE2
: 90

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

Not applicable.

REACH Annex XIV (Authorisation List)

Not applicable.

REACH Candidate List (SVHC)

Contains no substance on the REACH candidate list

PIC Regulation (Prior Informed Consent)

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on drug precursors)

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15.1.2. National regulations

Germany

Employment restrictions	Observe rest	trictions accord	0		orking Mothers (N ung People in En	,
Water hazard class (WGK) Storage class (LGK, TRGS 510)	-			ication accordir	ng to AwSV, Anne	ex 1).
Joint storage table	LGK 1	LGK 2A	LGK 2B	LGK 3	LGK 4.1A	
	LGK 4.1B	LGK 4.2	LGK 4.3	LGK 5.1A	LGK 5.1B	-
	LGK 5.1C	LGK 5.2	LGK 6.1A	LGK 6.1B	LGK 6.1C	_
	LGK 6.1D	LGK 6.2	LGK 7	LGK 8A	LGK 8B	
	LGK 10	LGK 11	LGK 12	LGK 13	LGK 10-13	
Joint storage not permitted for	: LGK 1, LGK	5.1A, LGK 6.2	, LGK 7.		1	
Joint storage with restrictions permitted for	: LGK 2A, LGK 3, LGK 4.1A, LGK 4.2, LGK 4.3, LGK 5.1B, LGK 5.1C, LGK 5.2, LGK 6. LGK 6.1B.					
Joint storage permitted for	: LGK 2B, LG LGK 13, LG		.1C, LGK 6.1D,	LGK 8A, LGK 8	B, LGK 10, LGK	11, LGK 1
Hazardous Incident Ordinance (12. BImSchV)			dous Incident O	rdinance (12. B	ImSchV)	
Netherlands						
ABM category	: A(3) - hazardous for aquatic organisms, may have longterm hazardous effects in aquat environment					
SZW-lijst van kankerverwekkende stoffen	: None of the	components ar	re listed			
SZW-lijst van mutagene stoffen	: None of the	•				
SZW-lijst van reprotoxische stoffen – Borstvoeding	: None of the	•				
SZW-lijst van reprotoxische stoffen – Vruchtbaarheid	: None of the components are listed					
SZW-lijst van reprotoxische stoffen – Ontwikkeling	: None of the	components ar	re listed			
Denmark						
Danish National Regulations	: Pregnant/breastfeeding women working with the product must not be in direct contact w					
	•		Danish Working ved during use a	•	Authorities regard	ing work v
Switzerland						
Storage class (LK)	: LK 11/13 - S	olids				
15.2. Chemical safety assessment						

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road	
ATE	Acute Toxicity Estimate	
BCF	Bioconcentration factor	
BLV	Biological limit value	
BOD	Biochemical oxygen demand (BOD)	
COD	Chemical oxygen demand (COD)	
DMEL	Derived Minimal Effect level	
DNEL	Derived-No Effect Level	

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Abbreviations and acronyms:		
EC-No.	European Community number	
EC50	Median effective concentration	
EN	European Standard	
IARC	International Agency for Research on Cancer	
ΙΑΤΑ	International Air Transport Association	
IMDG	International Maritime Dangerous Goods	
LC50	Median lethal concentration	
LD50	Median lethal dose	
LOAEL	Lowest Observed Adverse Effect Level	
NOAEC	No-Observed Adverse Effect Concentration	
NOAEL	No-Observed Adverse Effect Level	
NOEC	No-Observed Effect Concentration	
OECD	Organisation for Economic Co-operation and Development	
OEL	Occupational Exposure Limit	
РВТ	Persistent Bioaccumulative Toxic	
PNEC	Predicted No-Effect Concentration	
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail	
SDS	Safety Data Sheet	
STP	Sewage treatment plant	
ThOD	Theoretical oxygen demand (ThOD)	
TLM	Median Tolerance Limit	
VOC	Volatile Organic Compounds	
CAS-No.	Chemical Abstract Service number	
N.O.S.	Not Otherwise Specified	
vPvB	Very Persistent and Very Bioaccumulative	
ED	Endocrine disrupting properties	

Full text of H- and EUH-statements:	
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Carc. 2	Carcinogenicity, Category 2
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 1	Flammable solids, Category 1
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H228	Flammable solid.

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Full text of H- and EUH-statements:		
H261	In contact with water releases flammable gases.	
H301	Toxic if swallowed.	
H302	Harmful if swallowed.	
H314	Causes severe skin burns and eye damage.	
H317	May cause an allergic skin reaction.	
H319	Causes serious eye irritation.	
H351	Suspected of causing cancer.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H373	May cause damage to organs through prolonged or repeated exposure.	
H411	Toxic to aquatic life with long lasting effects.	
Skin Corr. 1	Skin corrosion/irritation, Category 1	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 1	Specific target organ toxicity – Repeated exposure, Category 1	
STOT RE 2	Specific target organ toxicity – Repeated exposure, Category 2	
Water-react. 2	Substances and Mixtures which, in contact with water, emit flammable gases, Category 2	

The classification complies with

: ATP 12

Safety Data Sheet (SDS), EU

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.