Mastervolt MLI Ultra 24/5500

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179
Date of issue: 24/06/19 Version: 0

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

1.1. Product identifier

Product form : Article

Trade name : MLI Ultra 24/5500

Formula : LiFeYPO4

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

1.2.1. Relevant identified uses

Main use category : Industrial,Professional use,Consumer use

Use of the substance/mixture : Electrical batteries and accumulators

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

EU (EMEA):
Mastervolt BV
Snijdersbergweg 93
1105AN Amsterdam
The Netherlands
T: +31-20-3422100
E: info@mastervolt.com

USA (AMERICA'S):
Power Products, LLC
N85 W12545 Westbrook Crossing
Menomonee Falls , WI 53051
United States of America
T: +1-262-293-0600

New Zealand (APAC):
Mastervolt / BEP Marine Operations
42 Apollo Drive, Albany
Auckland 0632
New Zealand
T: +64-9-415-7261

1.4. Emergency telephone number

EU: T: +31-20-3422100 USA: T: +1 262-293-0600 New Zealand: T: +64-9-415-7261

Country	Official advisory body	Address	Emergency number	Remark
Netherlands	Nationaal Vergiftigingen Informatie Centrum Universitair Medisch Centrum Utrecht, Het Nationaal Vergiftigingen Informatie Centrum (NVIC) informeert (dieren-)artsen, apothekers en andere professionele hulpverleners over de mogelijke gezondheidseffecten en behandelingsmogelijkheden bij vergiftigingen. Het NVIC is hiervoor dag en nacht bereikbaar, zowel telefonisch als via internet	Huispostnummer B.00.118 PO Box 85500 3508 GA Utrecht	+31 30 274 88 88	Only for the purpose of informing medical personnel in cases of acute intoxications

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179

No labelling applicable

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP] with its amendment Regulation (EU) 2016/1179
Rare Earth Y	(CAS-No.) 7440-65-5	40.5	Not classified
Lithium carbonate	(CAS-No.) 554-13-2 (EC-No.) 209-062-5 (REACH-no) 01-2119516034-53	16	Acute Tox. 4 (Oral), H302 Eye Irrit. 2, H319
copper	(CAS-No.) 7440-50-8 (EC-No.) 231-159-6 (REACH-no) 01-2119480154-42	10	Not classified
Aluminium	(CAS-No.) 7429-90-5 (EC-No.) 231-072-3 (REACH-no) 01-2119529243-45	6	Not classified
Graphite	(CAS-No.) 7782-42-5 (EC-No.) 231-955-3 (REACH-no) 01-2119486977-12	5	Not classified
Manganese	(CAS-No.) 7439-96-5 (EC-No.) 231-105-1 (REACH-no) 01-21194 49803-34	4.4	Not classified
iron	(CAS-No.) 7439-89-6 (EC-No.) 231-096-4 (REACH-no) 01-2119462838-24	3.4	Not classified
PE	(CAS-No.) 9002-88-4	3.3	Not classified
Fluorine	(CAS-No.) 7782-41-4 (EC-No.) 231-954-8 (EC Index-No.) 009-001-00-0 (REACH-no) 01-2120759325-50	3.3	Ox. Gas 1, H270 Press. Gas (Comp.), H280 Acute Tox. 1 (Inhalation:gas), H330 Skin Corr. 1A, H314 Eye Dam. 1, H318
Carbon (C) / Activated Carbon	(CAS-No.) 7440-44-0 (EC-No.) 231-153-3	3.1	Not classified
Potassium	(CAS-No.) 7440-09-7 (EC-No.) 231-119-8 (EC Index-No.) 019-001-00-2	1.7	Water-react. 1, H260 Skin Corr. 1B, H314
sodium	(CAS-No.) 7440-23-5 (EC-No.) 231-132-9 (EC Index-No.) 011-001-00-0	1.5	Water-react. 1, H260 Skin Corr. 1B, H314
Strontium	(CAS-No.) 7440-24-6	1.5	Water-react. 1, H260 Skin Corr. 1A, H314
calcium	(CAS-No.) 7440-70-2 (EC-No.) 231-179-5 (EC Index-No.) 020-001-00-X	0.3	Water-react. 2, H261

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Fluorine	(CAS-No.) 7782-41-4 (EC-No.) 231-954-8 (EC Index-No.) 009-001-00-0 (REACH-no) 01-2120759325-50	(1 =<C < 100) STOT SE 3, H335

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : This information is of relevance only if the battery is broken and this results in a direct contact with the ingredients. If medical advice is needed, have product container or label at hand. Seek medical attention immediately. Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

First-aid measures after skin contact : Remove contaminated clothes. Wash skin with plenty of water. immediate medical advice. Get medical advice if skin irritation persists.

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. immediate medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persists.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. immediate medical advice. Do not induce vomiting without medical advice.

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

Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation : Inhalation of material from a sealed battery is not an expected exposure route. Vapors or mists from a ruptured battery may cause respiratory irritation.

Symptoms/effects after skin contact : Contact between the battery and skin will not cause any harm. Skin contact with positive and negative terminals of high voltages may cause burns to the skin.
Skin contact with a ruptured or shorted battery can cause chemical burns or irritation upon contact with the skin.

Symptoms/effects after eye contact : Contact between the battery and eye will not cause any harm. Eye contact with the contents of a ruptured battery can cause severe irritation to the eye.

Symptoms/effects after ingestion : Swallowing of material from a sealed battery is not an expected exposure route. Swallowing mists from a ruptured battery may cause respiratory irritation, chemical burns of the mouth and gastrointestinal tract irritation.

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 : Water spray. Water. Dry powder. Carbon dioxide. Sand.

5.2. Special hazards arising from the substance or mixture

Explosion hazard : Explosion risk in case of fire.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2).

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. acid-resistant protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : If the battery material is released, remove personnel from the area until fumes dissipate. Ventilate the area to remove the hazardous gases. Leave the area and allow the batteries to cool. Avoid skin and eye contact or inhalation of vapors.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Do not allow to enter drains or water courses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Sweep or shovel spills into appropriate container for disposal.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful. Concerning personal protective equipment to use, see section 8. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Charging:
There is a possible risk of electric shock from charging equipment and from strings of series connected batteries, whether or not being charged. Shut-off power to chargers whenever not in use and before detachment of any circuit connections. Batteries being charged will generate and release flammable hydrogen gas. Charging space should be ventilated. Keep battery vent caps in position.

Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use.

Incompatible products : Strong bases. Strong acids. Strong oxidation agent.

Heat and ignition sources : Keep away from heat and direct sunlight.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

copper (7440-50-8)		
EU	Local name	Copper
EU	IOELV TWA (mg/m³)	0.01 mg/m³ (respirable fraction)
EU	Notes	(Year of adoption 2014)
EU	Regulatory reference	SCOEL Recommendations
Germany	TRGS 910 Acceptable concentration notes	
Netherlands	Local name	Koper
Netherlands	Grenswaarde TGG 8H (mg/m³)	0.1 mg/m³ en anorganische koperverbindingen (inhaleerbaar)
Netherlands	Regulatory reference	Arbeidsomstandighedenregeling 2018

Fluorine (7782-41-4)		
EU	Local name	Fluorine
EU	IOELV TWA (mg/m³)	1.58 mg/m³
EU	IOELV TWA (ppm)	1 ppm
EU	IOELV STEL (mg/m³)	3.16 mg/m³
EU	IOELV STEL (ppm)	2 ppm
EU	Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
Germany	TRGS 910 Acceptable concentration notes	
Netherlands	Local name	Fluor
Netherlands	Grenswaarde TGG 15MIN (mg/m³)	0.5 mg/m³
Netherlands	Regulatory reference	Arbeidsomstandighedenregeling 2018

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station. hazards in case of damaged / ruptured battery.

Personal protective equipment:

Gloves. Protective clothing. Safety glasses.

Materials for protective clothing:
Acid-resistant clothing. Safety boots

Hand protection:
Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent).

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Gloves	Polyvinylchloride (PVC), Nitrile rubber (NBR)	6 (> 480 minutes)	≥0.11		EN ISO 374

Eye protection:

Safety glasses. DIN EN 166

Skin and body protection:

Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465. EN 13034

Respiratory protection:

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of inadequate ventilation wear respiratory protection. EN 143

Personal protective equipment symbol(s):

Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: The Li-ion Battery consist of a gray colored plastic casing with green colored plastic parts fitted with two metallic main battery terminals and several communication/control terminals. Inside the casing of the Li-ion battery there are 4 Li-ion battery cells, consisting of yellow plastic cases with ribs, hermetically sealed and fitted with two metallic terminals. The Li-ion battery cells are electrically interconnected and managed electronically via a BMS (Battery Management System).
Colour	: No data available.
Odour	: No data available.
Odour threshold	: No data available.
pH	: No data available.
Relative evaporation rate (butylacetate=1)	: No data available.
Melting point	: No data available.
Freezing point	: No data available.
Boiling point	: No data available.
Flash point	: No data available.
Auto-ignition temperature	: No data available.
Decomposition temperature	: >= 160 °C
Flammability (solid, gas)	: No data available.
Vapour pressure	: No data available.
Relative vapour density at 20 °C	: No data available.
Relative density	: No data available.
Solubility	: Insoluble.
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.

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions of use.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Metals.

10.4. Conditions to avoid
The battery should not be opened or burned. Exposure to the ingredients contained within or their combustion products could be harmful. Do not immerse in water, short circuit or overcharge. Keep away from heat and direct sunlight.

10.5. Incompatible materials
Strong acids. Strong bases. Strong oxidation agent.

10.6. Hazardous decomposition products
Explosion risks of vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Fluorine (7782-41-4)	
LC50 inhalation rat (ppm)	92.5 ppm/4h

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
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity
Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Not classified

12.2. Persistence and degradability

Fluorine (7782-41-4)	
Persistence and degradability	Not applicable for inorganic products.

12.3. Bioaccumulative potential

Fluorine (7782-41-4)	
Log Pow	Not applicable for inorganic products.
Log Kow	Not applicable for gas mixtures.

12.4. Mobility in soil

Fluorine (7782-41-4)	
Ecology - soil	Because of its high volatility, the product is unlikely to cause ground or water pollution. Partition into soil is unlikely.

12.5. Results of PBT and vPvB assessment

Mastervolt Li-Ion battery « MLI Ultra 12/5000 » /Mastervolt Li-Ion battery « MLI Ultra 24/5000 »
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Other adverse effects
Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Additional information : Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
UN 3480	UN 3480	UN 3480	UN 3480	UN 3480
14.2. UN proper shipping name				
LITHIUM ION BATTERIES	LITHIUM ION BATTERIES	Lithium ion batteries	LITHIUM ION BATTERIES	LITHIUM ION BATTERIES
Transport document description				
UN 3480 LITHIUM ION BATTERIES, 9A, (E)	UN 3480 LITHIUM ION BATTERIES, 9	UN 3480 Lithium ion batteries, 9	UN 3480 LITHIUM ION BATTERIES, 9A	UN 3480 LITHIUM ION BATTERIES, 9A
14.3. Transport hazard class(es)				
9A	9A	9	9A	9A
				
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
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
No supplementary information available.				

14.6. Special precautions for user

Overland transport

Classification code (ADR) : M4

Special provisions (ADR) : 188, 230, 310, 348, 376, 377, 636

Limited quantities (ADR) : 0

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P903, P908, P909, P910, LP903, LP904

Transport category (ADR) : 2

Tunnel restriction code (ADR) : E

Transport by sea

Special provisions (IMDG) : 188, 230, 310, 348, 376, 377, 384

Packing instructions (IMDG) : P903, P908, P909 , P910, LP903, LP904

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-I

Stowage category (IMDG) : A

Stowage and handling (IMDG) : SW19

Properties and observations (IMDG) : Electrical batteries containing lithium ion encased in a rigid metallic body. Lithium ion batteries may also be shipped in, or packed with, equipment. Electrical lithium batteries may cause fire due to an explosive rupture of the body caused by improper construction or reaction with contaminants.

Air transport

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA) : Forbidden

PCA limited quantity max net quantity (IATA) : Forbidden

PCA packing instructions (IATA)	: Forbidden
PCA max net quantity (IATA)	: Forbidden
CAO packing instructions (IATA)	: See 965
CAO max net quantity (IATA)	: See 965
Special provisions (IATA)	: A88, A99, A154, A164, A183, A201
ERG code (IATA)	: 9F

Inland waterway transport

Classification code (ADN)	: M4
Special provisions (ADN)	: 188, 230, 310, 348, 376, 377, 636
Limited quantities (ADN)	: 0
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: M4
Special provisions (RID)	: 188, 230, 310, 348, _376, 377, 636
Limited quantities (RID)	: 0
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P903, 908, 909, P910, LP903, LP904
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE2
Hazard identification number (RID)	: 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

Contains no substance on the REACH candidate list
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.
Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Other information, restriction and prohibition regulations	: The following EU directives are applicable for the Rechargeable Li-ion battery cells: - 2006/66/EC: Battery directive The following EU directives are applicable for the electronics used in the Mastervolt Rechargeable Li-ion batteries: - 2014/30/EU: EMC directive - 2011/65/EU: RoHS Directive.

15.1.2. National regulations

Netherlands

SZW-lijst van kankerverwekkende stoffen	: None of the components are listed
SZW-lijst van mutagene stoffen	: None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	: Lithium carbonate is listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	: Lithium carbonate,Manganese are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	: Lithium carbonate,Manganese are listed

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:
Revised safety data sheet in accordance with commission regulation (EU) No 2016/1179.

Abbreviations and acronyms:	
SDS	Safety Data Sheet
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RoHS	Restriction of Hazardous Substances
PBT	Persistent Bioaccumulative Toxic
vPvB	Very Persistent and Very Bioaccumulative
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
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
LC50	Median lethal concentration
LD50	Median lethal dose
CAS	CAS (Chemical Abstracts Service) number
EG-nr	EINECS- en ELINCS-number
EINECS	European Inventory of Existing Commercial Substances
OEL	Occupational Exposure Limit

Data sources : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2016/1179.

Other information : Avoid mechanical or electrical abuse. DO NOT short circuit or install incorrectly. The Li-ion battery may explode, pyrolize or vent if disassembled, crushed, recharged incorrectly or exposed to high temperatures. Install and use the Li-ion battery in accordance with the instructions provided in the user's manual. REACH Disclaimer:
This information is based on current knowledge. Consistency of data in the SDS with CSR is considered, as far as the information is available at the time of compilation (cfr Revision date and Version number). DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-statements:	
Acute Tox. 1 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 1
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Gas 1	Oxidising Gases, Category 1
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
Water-react. 1	Substances and Mixtures which, in contact with water, emit flammable gases, Category 1
Water-react. 2	Substances and Mixtures which, in contact with water, emit flammable gases, Category 2
H260	In contact with water releases flammable gases which may ignite spontaneously.
H261	In contact with water releases flammable gases.
H270	May cause or intensify fire; oxidiser.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.

H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.

This Safety Data Sheet is compiled by :
ChemPros B.V.
(T) +31 79 767 60 06
(E) info@chemprosbv.nl

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.