



Milton® Sterilising Fluid

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Milton® Sterilising fluid
 UFI : UEP1-6142-900U-D6Y9

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

Biocidal product. Product-types 02 and 04.
 Disinfection of nursery accessories (feeding bottles, teats, ...) by immersion.
 Disinfection of surfaces (floor, working surfaces, ...) in domestic and healthcare sectors by wet wiping.
 For professional and general public..
 Type of formulation: soluble concentrate (SL)

Use descriptor system (REACH): No data available

1.3. Details of the supplier of the safety data sheet

Registered company name: Milton International
 Address: 9 rue Marcel Sembat, 44100 Nantes - France
 Phone: +33 (0)5 49 68 15 15
 Fax.: +33 (0)5 49 66 16 41
 E-mail: fds@labo-rivadis.fr
<https://www.milton-tm.com/en>

1.4. Emergency telephone number

Country	Phone number	Website
Austria	112	-
Belgium	+ 32 070 245 245	http://www.centreatipoisons.be/
Bulgaria	+359 2 9154 409	http://www.pirogov.bg
Croatia	(+385 1) 23-48-342	-
Cyprus	112	-
Czech Republic	+420 224 919 293, +420 224 915 402	www.tis-cz.cz
Denmark	+45 82 12 12 12	-
Estonia	16662 / (+372) 626 93 90	-
Finland	112	-
France	+33 (0)1 45 42 59 59	INRS / ORFILA http://www.centres-antipoison.net .
Germany	112	-
Greece	112	-
Hungary	+36 1 476 6464 / +36 80 201 199	-
Iceland	112	-
Ireland	01 809 2166	-
Italy	112	-
Latvia	+371 67042473	-
Liechtenstein	112	-
Lithuania	+370 5 236 20 52 / +370 687 53378	http://www.tox.lt/
Luxembourgs	112	-
Malta	112	-
Netherlands	(+31) 030-2748888	-
Norway	(+42) 2259 1300	-
Poland	112	-
Portugal	0808 250 143	-
Romania	112	-
Slovakia	(+421) 2 54 774 166	-
Slovenia	112	-
Spain	+ 34 91 562 04 20	-
Sweden	112	-
Switzerland	145	-
United Kingdom	111	-

SECTION 2 – HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

In compliance with EC regulation No. 1272/2008 and its amendments.

Corrosive to metals	Category 1 (Met. Corr. 1, H290).
Skin irritation	Category 2 (Skin Irrit. 2, H315).
Hazardous to the aquatic environment - Chronic hazard	Category 3 (Aquatic Chronic 3, H412).
Contact with acids	Liberates toxic gas (EUH031).

Warning! Do not use together with other products. May release dangerous gases (chlorine) (EUH206).

2.2. Label elements

Biocidal product. Product-types 02 and 04.

In compliance with EC regulation No. 1272/2008 and its amendments.

Hazards pictograms:



SGH07

Signal word: WARNING

Hazard statements:

H290	May be corrosive to metals.
H315	Causes skin irritation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements:

Professional users:

P234	Keep only in original container.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water.
P390	Absorb spillage to prevent material damage.
P501	Dispose of contents and container in accordance with local, regional and national regulations.

Non-professional users:

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P234	Keep only in original container.
P273	Avoid release to the environment.
P302+P352	IF ON SKIN: Wash with plenty of water.
P390	Absorb spillage to prevent material damage.
P501	Dispose of contents and container in accordance with local, regional and national regulations.

Additional labelling:

EUH031	Contact with acids liberates toxic gas.
EUH206	Warning! Do not use together with other products. May release dangerous gases (chlorine).

2.3. Other hazards

The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) as defined by criteria of article 57 and as per article 59 of REACH (Regulation EC No.1907/2006) at concentration $\geq 0.1\%$ - list published by the European Chemicals Agency (ECHA): (<http://echa.europa.eu/fr/candidate-list-table>).

The mixture does not contain any PBT or vPvB substances as defined in annex XIII of the REACH regulation EC No.1907/2006.

The mixture does not contain substances $\geq 0.1\%$ with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable (mixture).

3.2. Mixtures

Composition:

INDEX	CAS No.	EC No.	Hazardous ingredient(s)	Pictograms	Classification	% w/w
017-011-00-1	7681-52-9	231-668-3	Sodium hypochlorite	GHS 05 GHS 09	H290* H314 (1B) H400 (M = 10*) H411* EUH031	2.00%**

*According to supplier's SDS

**Corresponds to 1.90% w/w active chlorine released from sodium hypochlorite

Informations on ingredients: No data available

Other data: No data available

SECTION 4 – FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing if the victim is unconscious.

4.1. Description of first aid measures

In the event of exposure by inhalation	In the event of massive inhalation, remove the exposed person to fresh air. Keep warm and at rest.
In the event of splashes or contact with eyes	Wash thoroughly with soft, clean water holding the eyelids open. If there is any redness, pain or visual impairment, consult an ophthalmologist.
In the event of splashes or contact with skin	Remove contaminated clothing and wash the skin thoroughly with soap and water. Watch out for any remaining product between skin and clothing, watches, shoes, etc. If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the victim transferred to hospital.
In the event of swallowing	Do not give the victim anything orally. In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor. Keep at rest. Do not induce vomiting. Seek medical attention immediately, showing the label.

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

No data available.

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

Specific and immediate treatment: Treat symptomatically.

Information for the doctor: No data available.

SECTION 5 – FIREFIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

In case of fire, use extinguishing specifically adapted.

Suitable methods of extinction	In the event of a fire, use: - sprayed water or water mist - foam - dry powder - carbon dioxide (CO ₂) Prevent the effluent of the fight against the fire from entering sewers or waterways.
Unsuitable methods of extinction	In the event of a fire, do not use: - water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed:

- chlorine and chlorinated decomposition products

5.3. Advice for firefighters

No data available.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult safety advice of sections 7 and 8.

For non-first aid worker	Avoid any contact with the skin and eyes. In the event of accidental release of a large quantity, evacuate all unnecessary personnel and allow intervention only by trained operators equipped with suitable personal protective equipment (See section 8).
For first aid worker	First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

Consult sections 8 and 13.

SECTION 7 – HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention	Prevent access by unauthorised personnel.
Recommended equipment and procedures	For personal protection, see section 8. Observe precautions stated on label and also industrial safety regulations. Avoid skin and eye contact with this mixture. For professionals: wear gloves.
Prohibited equipment and procedures	No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

Always keep in original packaging.

Keep the container tightly closed in a dry, well-ventilated place, protected from heat and direct sunlight.

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

No data available.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

Sodium hypochlorite is not listed (France (INRS - ED984: 2012) and UK HSE EH40).

In case of chlorine emission the occupational exposure limit for chlorine should be controlled.*

HAZARDOUS INGREDIENT(S)	CAS No.	LTEL 8 hr TWA ppm	LTEL 8 hr TWA mg/m ³	STEL (ppm)	STEL (mg/m ³)	Notes
Chlorine	7782-50-5	-	-	0.5	1.5	France United Kingdom Romania
		-	0.7	-	1.5	Poland

DNEL / DMEL	Oral	Inhalation	Dermal
Industry - Long Term - Local effects	-	1.55 mg/m ³	0.5% w/w
Industry - Long Term - Systemic effects	-	1.55 mg/m ³	-

Industry - Short term - Local effects	-	3.1 mg/m3	-
Industry - Short term - Systemic effects	-	3.1 mg/m3	-
Consumer. - Long Term - Local effects	-	1.55 mg/m3	-
Consumer. - Long Term - Systemic effects	0.26 mg/kg bw/day	1.55 mg/m3	-
Consumer. - Short term - Local effects	-	3.1 mg/m3	-
Consumer. - Short term - Systemic effects	-	3.1 mg/m3	-

*According to supplier's SDS

Biological limits*:

Environment	PNEC
Aquatic compartment (including sediment)	0.21 µg/L fresh water 0.042 µg/L marine water 0.26 µg/L intermittent releases 30 µg/L sewage treatment plant
Terrestrial compartment	-
Atmospheric compartment	-

*According to supplier's SDS

8.2. Exposure controls

Suitable technical inspections	No data available.
Personal protection measures, such as personal protective equipment	Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.
Eye / face protection	Avoid contact with eyes.
Hand protection	Avoid skin contact. For professionals: wear suitable protective gloves in the event of prolonged or repeated skin contact. Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.
Body protection	Avoid skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.
Respiratory protection	In the event of accidental release of a large quantity, recommended type of powered air-purifying respirator: Anti-gas and vapour filter(s) (Combined filters) in accordance with standard EN14387.
Thermal risks	Not applicable.

8.3. Exposure controls linked to environmental protection

No data available.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General information:

Physical state	Limpid liquid
Odor	Chlorinated odor
Color	Slightly yellow

Important health, safety and environmental information:

pH (pure)	11.8 at 21°C
Melting point/freezing point	Not determined
Boiling point/boiling range	Around 110°C
Flash point	No flash point up to 110oC (EC A.9, ISO Standard 3679)
Evaporation rate	Not determined
Flammability	Not flammable

Lower/upper flammability limits	Not determined
Lower/upper explosive limits	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Relative density	1.14 at 20.5°C
Solubility	Not determined
Partition coefficient	Not determined
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Viscosity	1.73 mPa*s at 20°C 1.22 mPa*s at 40°C
Particle characteristics	Not applicable
Explosive properties	Not explosive (expert statement)
Oxidising properties	Not oxidising (expert statement)

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Explosives	Not explosive (expert statement)
Flammable gases	Not applicable
Aerosols	Not applicable
Oxidising gases	Not applicable
Gases under pressure	Not applicable
Flammable liquids	Not flammable
Flammable solids	Not applicable
Self-reactive substances and mixtures	Not self-reactive
Pyrophoric liquids	Not pyrophoric
Pyrophoric solids	Not applicable
Self-heating substances and mixtures	Not applicable
Self-heating substances and mixtures	Not applicable
Oxidising liquids	Not oxidising (expert statement)
Oxidizing solids	Not applicable
Organic peroxides	Not applicable
Corrosive to metals	Classified in class 8 (corrosive material) according to the UN Recommendations on the Transport of Dangerous Goods, Manual of Tests and Criteria, sub-section 37.4 and classified as Met. Corr. 1, H290 according to CLP
Desensitised explosives	Not applicable

9.2.2. Other safety characteristics

No data available.

SECTION 10 – STABILITY AND REACTIVITY

10.1. Reactivity

Mixture which by chemical action can corrode and even destroy metals.

Contact with acids liberates toxic gas (chlorine).

May release dangerous gases (chlorine).

10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

Stability of the solution decreases with the action of heat, light and in the presence of some trace impurities.

10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas (chlorine).

Reacts with ammonia solutions and amines to form explosive compounds.

Can react violently if in contact with methanol.

Decomposition with evolution of oxygen is accelerated by light and heat and also by contact with many metals, particularly copper, nickel, iron and "monel".

Oxidising agent; may assist combustion.

When exposed to high temperatures, the mixture can release hazardous decomposition products and fumes.

In the event of a fire, the following may be formed:

- chlorine and chlorinated decomposition products.

10.4. Conditions to avoid

Keep away from heat and direct sunlight.

Avoid contact with other chemicals.

10.5. Incompatible materials

Keep away from:

- acids

- ammonia and amines

- methanol

- metals (particularly copper, nickel, iron and "monel")

10.6. Hazardous decomposition products

The thermal decomposition may release/form smoke and hazardous decomposition products:

- chlorine and chlorinated decomposition products.

SECTION 11 – TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No.1272/2008**

Gas (chlorine) produced under fire or acidic conditions is toxic by inhalation.

11.1.1. Substances

HYPOCHLORITE DE SODIUM (CAS No.7681-52-9)

The following data are taken from Assessment Report "Active chlorine released from sodium hypochlorite", January 2017.

Acute toxicity	Acute oral toxicity, rat: LD50 > 2 000 mg avCl/kg bw Acute dermal toxicity, rat: LD50 > 2 0000 mg avCl/kg bw Acute inhalation toxicity, rat: LD50 > 10.5 mg avCl/L
Skin corrosion/skin irritation	Causes severe skin burns.
Serious damage to eyes/eye irritation	Causes serious eye damage.
Respiratory or skin sensitisation	May be irritant to the respiratory tract. Not skin sensitising.
Germ cell mutagenicity	No genotoxic potential.
Carcinogenicity	Not carcinogenic.
Reproductive toxicant	No evidence of any adverse effects on development or fertility.
Specific target organ systemic toxicity - single exposure	Not classified.
Specific target organ systemic toxicity - repeated exposure	Not classified.
Aspiration hazard	Not classified.

11.1.2. Mixture

Acute toxicity	No data available.
Skin corrosion/skin irritation	Skin irritant. (Skin irritation, Category 2, OECD No.404, rabbit).
Serious damage to eyes/eye irritation	Not irritant. (OECD No.405, rabbit).
Respiratory or skin sensitisation	No data available.
Germ cell mutagenicity	No data available.

Carcinogenicity	No data available.
Reproductive toxicant	No data available.
Specific target organ systemic toxicity - single exposure	No data available.
Specific target organ systemic toxicity - repeated exposure	No data available.
Aspiration hazard	No data available.
Symptoms related to the physical, chemical and toxicological characteristics	No data available.
Delayed and immediate effects as well as chronic effects from short and long-term exposure	No data available.
Interactive effects	No data available.
Absence of specific data	No data available.
Other information	No data available.

11.2 Information on other hazards

No data available.

SECTION 12 – ECOLOGICAL INFORMATION

12.1. Toxicity

12.1.1. Substances

SODIUM HYPOCHLORITE (CAS No.7681-52-9)

The following data are taken from Assessment Report "Active chlorine released from sodium hypochlorite", January 2017.

Acute aquatic toxicity*:

Fish (Oncorhynchus kisutch), sea water:	LC50 = 0.032 mg TRO/L (96 h)
Invertebrates (Ceriodaphnia dubia), fresh water:	EC50 = 0.035 mg active Cl/L (48 h)
Algae (Pseudokirchneriella subcapitata), fresh water:	ErC50 = 0.0365 mg avCl/L (72 h) EbC50 = 0.0183 mg avCl/L (72 h)
Microorganisms, activated sludge:	EC50 = 77.1 mg avCl/L (3 h)

M factor (Acute) = 10

Chronic aquatic toxicity*:

Fish (Menidia peninsulæ), sea water:	LOEC = 0.210 mg CPO/L (28 d) NOEC = 0.040 mg CPO/L (28 d)
Invertebrates (Crassostrea virginica), sea water:	NOEC = 0.007 mg TRO/L (15-19 d)
Algae (Periphytic community), fresh water:	Cl80 = 0.358 mg FAC/L (7 d) Cl50 = 0.023 mg FAC/L (7 d) NOEC = 0.021 mg FAC/L (7 d)

M factor (Chronic) = 1

* TRO: total residual oxidant, CPO: chlorine produced oxidant, FAC: free available chlorine

12.1.2. Mixtures

Hazardous to the aquatic environment - Chronic hazard, Category 3 (Aquatic Chronic 3, H412).
(classification by conventional method).

12.2. Persistence and degradability

SODIUM HYPOCHLORITE (CAS No.7681-52-9) :

Sodium hypochlorite is a strong oxidiser. It will react with organic substances present in soil and sediments and degrades rapidly to chloride. Sodium hypochlorite is substantially removed in biological treatment processes.

12.3. Bioaccumulative potential

SODIUM HYPOCHLORITE (CAS No.7681-52-9) :

Sodium hypochlorite has low potential for bioaccumulation and decomposes in water (calculated log Kow = -3.42).

12.4. Mobility in soil

SODIUM HYPOCHLORITE (CAS No.7681-52-9) :

Sodium hypochlorite is mobile in soil and sediments.

12.5. Results of PBT and vPvB assessment

SODIUM HYPOCHLORITE (CAS No.7681-52-9) :

Not classified as PBT or vPvB.

12.6. Endocrine disrupting properties

Not considered to have endocrine disrupting properties.

12.7. Other adverse effects

SODIUM HYPOCHLORITE (CAS No.7681-52-9) :

Sodium hypochlorite is substantially removed in biological treatment processes. There is evidence of inhibition to the aerobic treatment process at a concentration (mg/l) of 0.05 mg/L.

SECTION 13 – DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC, Decision 2014/955/EU and Directive (EU) 2015/1127.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste	Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment.
Soiled packaging	Completely empty container. Keep label(s) on container. Give to a certified disposal contractor.
Local arrangements	No data available

SECTION 14 – TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2019 - IMDG 2020 - ICAO/IATA 2020).

14.1 UN Number

1791

14.2. UN proper shipping name

UN1791 = HYPOCHLORITE SOLUTION

14.3. Transport hazard class(es)**ADR/RID**


ADR/RID Class	8
ADR Classification Code	C9
Special Provisions	521
Limited Quantities	5 L
Excepted Quantities	E1
Emergency Action Code	2X
Mixed Packing Instructions for Packages	P001 IBC02 LP01 R001
Special Packing Provisions for Packages	B5
Mixed Packing Instructions for Packages	MP19
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP2 TP24
Tank Code for Tanks	L4BV(+)

Special Provisions for Tanks	TU42 TE11
Vehicle for Tank Carriage	AT
ADR Transport Category	3
Tunnel Restriction Code	E
Special Provisions for Carriage - Packages	No data available
Special Provisions for Carriage - Bulk	No data available
Special Provisions for Carriage - Loading, Unloading and Handling	No data available
Special Provisions for Carriage - Operation	No data available
ADR HIN	80

IMDG

IMDG Class	8
Special Provisions	521
Limited Quantities	5 L
Excepted Quantities	E1
Mixed Packing Instructions for Packages	P001 IBC02 LP01 R001
Special Packing Provisions for Packages	B5
Packing Instructions for Portable Tanks	T4
Special Provisions for Portable Tanks	TP2 TP24
IMDG EMS	F-A, S-B
Stowage and Handling	Category B
Segregation	SGG8 SG20
Marine Pollutant	No data available

ICAO/IATA

IATA Proper Shipping Name	HYPOCHLORITE SOLUTION
Excepted Quantities	E1
Passenger and Cargo Aircraft Limited Quantities Packing Instructions	Y841
Passenger and Cargo Aircraft Limited Quantities Max net Qty	1L
Passenger and Cargo Aircraft Packing Instructions	852
Passenger and Cargo Aircraft Max net Qty	5L
Cargo Aircraft Packing Instructions	856
Cargo Aircraft Max net Qty	60L
Special Provisions	A3 A803
Emergency Response Guidebook (ERG) Code	8L
Labels	8 

14.4. Packing group

III

14.5. Environmental hazards

ADR	IMDG	IATA
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No EmS-No. (Fire): F-A EmS-No. (Spillage): S-B	Dangerous for the environment: No

14.6. Special precautions for user

Special precautions for user : Not known.

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

No data available.

SECTION 15 – REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Classification and labelling information included in section 2	The following regulations have been used: - Regulation EC 1272/2008 and its adaptations.
Container information	No data available.
Labelling of biocidal products	Product-types 02 et 04. Disinfection of nursery accessories (feeding bottles, teats, ...) by immersion. Disinfection of surfaces (floor, working surfaces, ...) in domestic and healthcare sectors by wet wiping. For professional and general public. Active substance: active chlorine released from sodium hypochlorite (CAS No.7681-52-9): 1.90% w/w
Particular provisions	No data available.
Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol)	Not applicable

15.2. Chemical safety assessment

No data available.

SECTION 16 – OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Title for H and EUH indications mentioned in section 3:

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
EUH031	Contact with acids liberates toxic gas.

Abbreviations

GHS05	Corrosive
GHS07	Exclamation mark.
GHS09	Environment
ADR	European agreement concerning the international carriage of dangerous goods by Road.

IMDG	International Maritime Dangerous Goods.
IATA	International Air Transport Association.
ICAO	International Civil Aviation Organisation
RID	Regulations concerning the International carriage of Dangerous goods by rail.
PBT	Persistent, Bioaccumulative and Toxic.
vPvB	Very Persistent and very Bioaccumulative.
SVHC	Substance of Very High Concern.
avCl	Available Chlorine.
DNEL	Derived No Effect Levels
PNEC	Predicted No Effect Concentration