



Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

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

1.1 Product identifier

Trade name: Aqua Soja

Article number: EU11201

1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

Sector of Use

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC35 Washing and cleaning products (including solvent based products)

Process category

PROC7 Industrial spraying

PROC11 Non industrial spraying

PROC10 Roller application or brushing

PROC9 Transfer of substance or preparation into small containers (dedicated filling line, including weighing)

PROC13 Treatment of articles by dipping and pouring

Environmental release category

ERC8a Wide dispersive indoor use of processing aids in open systems

ERC8d Wide dispersive outdoor use of processing aids in open systems

Application of the substance / the mixture cold degreasing agent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

ZEP UK; Forward Chemicals Limited

P.O. Box 12

Tanhouse Lane

Widnes Cheshire

WA8 ORD

@: salesandservice@forwardchem.com

Tel: 0151-422 1000

Fax:0151-422 1011

ZEP Industries BV

Vierlinghweg 30

4612 PN Bergen op Zoom

The Netherlands

Tel: (NL) + 31 164 250 100 (B) + 32 2 347 0117

Fax:(NL) + 31 164 266 710 (B) + 32 2 347 1395

@: sales@zepbenelux.com

ZEP Italy s.r.l.

Via Netunese Km. 25.000

IT-040111 Aprilia (LT)

Tel: +39.06926691

Fax: +39.06.92747061

@: info@zepitalia.it

Sito: www.zepeurope.com

Further information obtainable from:

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

1.4 Emergency telephone number:

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 1)

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**
Xi; Irritant

R36: Irritating to eyes.

· **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

· **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

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

· **Hazard pictograms**



GHS05

· **Signal word** Danger

· **Hazard-determining components of labelling:**

Oxoalcohol C13 ethoxylated

dodecylbenzenesulfonic acid

tetrasodium ethylenediaminetetraacetate

· **Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

· **Precautionary statements**

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

P264 Wash thoroughly after handling.

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/...

P321 Specific treatment (see on this label).

P362 Take off contaminated clothing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P302+P352 IF ON SKIN: Wash with plenty of water/...

· **2.3 Other hazards** The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterization: Mixtures**

· **Description:** Mixture of substances listed below with nonhazardous additions.

· **Dangerous components:**

CAS: 69011-36-5 Reg.nr.: 01-2119976362-32-xxxx	Oxoalcohol C13 ethoxylated Xi R38-41 Eye Dam. 1, H318 Skin Irrit. 2, H315 Aquatic Chronic 3, H412	2.5-5%
CAS: 5131-66-8 EINECS: 225-878-4 Reg.nr.: 01-2119475527-28	3-butoxypropan-2-ol Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2, H319	2.5-5%

(Contd. on page 3)

GB

Safety data sheet

according to 1907/2006/EC, Article 31











Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 2)

CAS: 85536-14-7 EINECS: 287-494-3 Reg.nr.: 01-2119490234-40-xxxx	dodecylbenzenesulfonic acid  C R34  Xn R22  Skin Corr. 1B, H314  Acute Tox. 4, H302	1-2.5%
CAS: 64-02-8 EINECS: 200-573-9 Reg.nr.: 01-2119486762-27-xxxx	tetrasodium ethylenediaminetetraacetate  Xn R20/22  Xi R38-41  Eye Dam. 1, H318  Acute Tox. 4, H302; Acute Tox. 4, H332; Skin Irrit. 2, H315	1-2.5%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: 01-2119555270-46-0000	2,6-di-tert-butyl-p-cresol  N R50/53  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	< - 0.1%

· **Ingredients according to Detergents Regulation 648/2004/EC** For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
If skin irritation continues, consult a doctor.
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **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.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.
- **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**
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 3)

- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **8.1 Control parameters**

· Ingredients with limit values that require monitoring at the workplace:

141-43-5 2-aminoethanol (0.1-1%)

WEL (Great Britain)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Sk
IOELV (European Union)	Short-term value: 7.6 mg/m ³ , 3 ppm Long-term value: 2.5 mg/m ³ , 1 ppm Skin

· DNELs

5131-66-8 3-butoxypropan-2-ol

Oral	DNEL Long term-systemic	8.75 mg/kg human/day (consumer)
	DNEL acute-systemic	8.75 mg/kg human/day (worker)
Dermal	DNEL Acute-systemic	44 mg/kg human/day (consumer) 16 mg/kg human/day (worker)
	DNEL Long term-systemic	16 mg/kg human/day (consumer) 44 mg/kg human/day (worker)
Inhalative	DNEL Acute-systemic mg/m ³	270.50 mg/m ³ (consumer) 33.8 mg/m ³ (worker)
	DNEL Long term-systemic mg/m ³	33.8 mg/m ³ (consumer) 270.50 mg/m ³ (worker)

85536-14-7 dodecylbenzenesulfonic acid

Oral	DNEL Long term-systemic	0.85 mg/kg human/day (consumer)
Dermal	DNEL Long term-systemic	85 mg/kg human/day (consumer) 170 mg/kg human/day (worker)
	DNEL Long term local mg/m ³	3 mg/m ³ (consumer) 12 mg/m ³ (worker)
Inhalative	DNEL Long term-systemic mg/m ³	3 mg/m ³ (consumer) 12 mg/m ³ (worker)

64-02-8 tetrasodium ethylenediaminetetraacetate

Oral	DNEL Long term-systemic	28 mg/kg human/day (consumer)
Inhalative	DNEL Acute-systemic mg/m ³	1.7 mg/m ³ (consumer) 2.8 mg/m ³ (worker)

128-37-0 2,6-di-tert-butyl-p-cresol

Dermal	DNEL Long term-systemic	5 mg/kg human/day (consumer) 8.3 mg/kg human/day (worker)
	DNEL Long term-systemic mg/m ³	1.74 mg/m ³ (consumer) 5.8 mg/m ³ (worker)

· PNECs

5131-66-8 3-butoxypropan-2-ol

PNEC Freshwater mg/L	0.525 mg/L (-)
PNEC Freshwater sediment	2.36 mg/Kg (-)
PNEC Intermittent release	5.25 (-) (mg/l)
PNEC Marine water sediment	0.236 mg/Kg (-)
PNEC Marinewater mg/L	0.0525 mg/L (-)
PNEC Sewage treatment Plant mg/L	10 mg/L (-)
PNEC Soil	0.16 mg/Kg (-)

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 4)

85536-14-7 dodecylbenzenesulfonic acid

PNEC Freshwater mg/L	0.287 mg/L (-)
PNEC Freshwater sediment	0.287 mg/Kg (-)
PNEC Intermittent release	0.0167 (-) (mg/L)
PNEC Marine water sediment	0.287 mg/Kg (-)
PNEC Marinewater mg/L	0.0287 mg/L (-)
PNEC Sewage treatment Plant mg/L	3.43 mg/L (-)
PNEC Soil	35 mg/Kg (-)

64-02-8 tetrasodium ethylenediaminetetraacetate

PNEC Freshwater mg/L	2.8 mg/L (-)
PNEC Intermittent release	1.6 (-) (mg/L)
PNEC Marinewater mg/L	0.28 mg/L (-)
PNEC Sewage treatment Plant mg/L	57 mg/L (-)
PNEC Soil	0.95 mg/Kg (-)

128-37-0 2,6-di-tert-butyl-p-cresol

PNEC Freshwater µg/L	4 µg/L (-)
PNEC Intermittent release	4 (-) (µg/L)
PNEC Marinewater µg/L	0.4 µg/L (-)
PNEC Sewage treatment Plant mg/L	100 mg/L (-)
PNEC Soil	1.04 mg/Kg (-)

· **Additional information:** The lists valid during the making were used as basis.

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

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **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:**

Rubber gloves

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.

Rubber gloves

· **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.

The determined penetration times according to EN 374 part III are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

· **Not suitable are gloves made of the following materials:** Strong material gloves

· **Eye protection:**

Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**· **General Information**· **Appearance:**

Form:

Fluid

Colour:

According to product specification

(Contd. on page 6)

GB

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 5)

· Odour:	Characteristic
· Odour threshold:	Not determined.
· pH-value at 20 °C:	9.5
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	180 °C
· Flash point:	> 55 °C
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	210.0 °C
· Decomposition temperature:	Not determined.
· Self-igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	0.5 Vol %
Upper:	6.5 Vol %
· Vapour pressure at 20 °C:	23 hPa
· Density at 20 °C:	0.88 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic at 20 °C:	15 s (DIN 53211/4)
· Solvent content:	
Organic solvents:	0.9 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- 10.1 Reactivity
- 10.2 Chemical stability
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity:

· **LD/LC50 values relevant for classification:**

69011-36-5 Oxoalcohol C13 ethoxylated

Oral	LD50	200 - 2000 mg/kg (Rat) Literatuur waarde
	EC50	1 - 10 mg/ltr (Daphnia magna (water flea)) Literatuurwaarde

5131-66-8 3-butoxypropan-2-ol

Oral	LD50	3300 mg/kg (Rat)
Dermal	LD50	>2000 mg/kg (Rat)

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 6)

Inhalative	LC50 / 4 h	>3.5 mg/ltr (Rat)
	EC 50 / 48 h (static)	>1000 mg/ltr (Daphnia magna (water flea))
	EC 50 / 96 h (static)	>1000 mg/ltr (Selenastrum capricornutum (Algae))
	LC50 / 96 h (static)	560-1000 mg/ltr (fish) (Poecilia reticulata)
85536-14-7 dodecylbenzenesulfonic acid		
Oral	LD50	>300-2000 mg/kg (Rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (Rat)
	EC 50 / 48 h	>1-10 mg/ltr (Daphnia magna (water flea)) (OECD 202)
	EC 50 / 72 H	>10-100 (Desmodemus subspicatus) (mg/L OECD 201)
	LC50 / 96 h	>1-10 mg/ltr (Cyprinus Carpio) (OECD 203) >1-10 mg/ltr (Lepomis Macrochirus (Bluegill Sunfish)) 1-10 mg/ltr (Brachydanio rerio)
64-02-8 tetrasodium ethylenediaminetetraacetate		
Oral	LD50	1560 mg/kg (-)
Inhalative	LC50 / 4 h	>1000<5000 mg/ltr (-)
	EC 50 / 48 h	140 mg/ltr (Daphnia magna (water flea))
	EC 50 / 72 H	>300 (Desmodemus subspicatus) (mg/L)
	LC50 / 96 h	>1000 mg/ltr (Lepomis Macrochirus (Bluegill Sunfish)) 33-189 mg/ltr (fish)
128-37-0 2,6-di-tert-butyl-p-cresol		
Oral	LD50	>5000 mg/kg (Rat)
Dermal	LD50	>5000 mg/kg (Rat)

· **Primary irritant effect:**

· **on the skin:** Irritant to skin and mucous membranes.

· **on the eye:**

Strong caustic effect.

Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Irritant

SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

69011-36-5 Oxalcohol C13 ethoxylated

OECD test 301 A > 70 (biodegradation in % after 28 days)

OECD test 301 B > 60 (biodegradation in % after 28 days)

5131-66-8 3-butoxypropan-2-ol

OECD test 301 E 90 (biodegradation in % after 28 days)

85536-14-7 dodecylbenzenesulfonic acid

OECD test 301 A >70 (biodegradation in % after 28 days)

· **12.2 Persistence and degradability** No further relevant information available.

· **Other information:** The product is biodegradable.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %.

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 7)

- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **European waste catalogue**

15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 04	metallic packaging

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN-Number
· ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class | Void |
| · 14.4 Packing group
· ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards:
· Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | - |

SECTION 15: Regulatory information

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

- **National regulations:**

- **Technical instructions (air):**

Class	Share in %
NK	0,1-1

- **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **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.
- H315 Causes skin irritation.

(Contd. on page 9)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 14.05.2014

Version: 7

Revision: 14.05.2014

Trade name: Aqua Soja

(Contd. of page 8)

H318 Causes serious eye damage.
 H319 Causes serious eye irritation.
 H332 Harmful if inhaled.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.
 H412 Harmful to aquatic life with long lasting effects.
 R20/22 Harmful by inhalation and if swallowed.
 R22 Harmful if swallowed.
 R34 Causes burns.
 R36/38 Irritating to eyes and skin.
 R38 Irritating to skin.
 R41 Risk of serious damage to eyes.
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Department issuing MSDS:

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

Contact:

Customer Service

NL: Tel: + 31 164 250 100 Fax: + 31 164 266 710

B: Tel: +32 2 347 0117 Fax: +32 2 347 1395

IT: Tel: +39 069 266 91 Fax: +39 06.927 470 61

UK: Tel: +44 151 422 1000 Fax: +44 151 422 1011

Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

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 Harmonized 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)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

*** Data compared to the previous version altered.**

GB