Office Depot - Dishwashing liquid: Original

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING **Product identifier:** 1.1 Office Depot - Dishwashing liquid: Original 1.2 Relevant identified uses of the substance or mixture and uses advised against: Relevant uses: Dishwashing detergent Uses advised against: All uses not specified in this section or in section 7.3 Details of the supplier of the safety data sheet: SNG COMMERCIAL LTD. 1.3 Richmond Court, Spring Valley Park, Leeds LS28 6EA. +44800 098 8065 **Distributor:** Office Depot Europe B.V.; Columbusweg 33; 5928 LA Venlo; The Netherlands; tel. +31 (0)77 323 8888; 1.4 **Emergency telephone number:** +44800 098 8065 SECTION 2: HAZARDS IDENTIFICATION 2.1 Classification of the substance or mixture: CLP Regulation (EC) nº 1272/2008: The product is not classified as dangerous according to CLP Regulation (EC) nº 1272/2008. 2.2 Label elements: CLP Regulation (EC) nº 1272/2008: Hazard statements: Non-applicable **Precautionary statements:** P102: Keep out of reach of children Supplementary information: EUH208: Contains reaction mass 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one. May produce an allergic reaction 2.3 **Other hazards:** Non-applicable SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS 3.1 Substance: Non-applicable 3.2 Mixture: Chemical description: Mixture composed of chemical products **Components:** In accordance with Annex II of Regulation (EC) nº1907/2006 (point 3), the product contains: Identification Chemical name/Classification Concentration Alkohols, C12-14 (even numbered), ethoxylated < 2.5EO, sulfates, sodium salts Self-classified 68891-38-3 CAS: 500-234-8 EC: Regulation 1272/2008 Aquatic Chronic 3: H412; Eye Dam. 1: H318; Skin Irrit. 2: H315 - Danger 3 - <5 % Index: Non-applicable REACH: Non-applicable Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H ATP CLP00 CAS: 55965-84-9 -isothiazol-3-one [EC no. 220-239-6] (3:1) Non-applicable EC: Index: 613-167-00-5 Regulation 1272/2008 Acute Tox. 3: H301+H311+H331; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Skin <0.0015 %

To obtain more information on the risk of the substances consult sections 8, 11, 12, 15 and 16.

SECTION 4: FIRST AID MEASURES

REACH: Non-applicable

4.1 Description of first aid measures:

Corr. 1B: H314; Skin Sens. 1: H317 - Danger

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SECTION 4: FIRST AID MEASURES (continued)

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

This product is not classified as hazardous through inhalation, however, it is recommended in case of intoxication symptoms to remove the person affected from the area of exposure, provide clean air and keep at rest. Request medical attention if symptoms persist.

By skin contact:

This product is not classified as hazardous when in contact with the skin. However, in case of skin contact it is recommended to remove contaminated clothes and shoes, rinse the skin or shower the person affected if necessary thoroughly with cold water and neutral soap. In case of serious reaction consult a doctor.

By eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

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

Acute and delayed effects are indicated in sections 2 and 11.

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

Non-applicable

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media:

Product is non-flammable under normal conditions of storage, manipulation and use. In the case of inflammation as a result of improper manipulation, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems. IT IS NOT RECOMMENDED to use tap water as an extinguishing agent.

5.2 Special hazards arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Additional provisions:

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

6.2 Environmental precautions:

Avoid spillage into an aqueous medium as it contains substances potentially dangerous for this. Contain the product absorbed in hermetically sealed containers. In the case of serious spillage into an aqueous medium notify the relevant authority.

6.3 Methods and material for containment and cleaning up:

It is recommended:

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

- CONTINUED ON NEXT PAGE -

Office Depot - Dishwashing liquid: Original

SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling:

A.- Precautions for safe manipulation

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (section 6). Avoid leakages from the container. Maintain order and cleanliness where dangerous products are used.

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations to prevent ergonomic and toxicological risks

- Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.
- D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection 6.3)

7.2 Conditions for safe storage, including any incompatibilities:

- A.- Technical measures for storage
 - Store in a cool, dry, well-ventilated location
- B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection 10.5

7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment

| Identification | | | | Environmental lim | its |
|---|------------|----------------|----------------|-----------------------|----------------------|
| Acetic acid | | | IOELV (8h) | 10 ppm | 25 mg/m ³ |
| CAS: 64-19-7 | | | IOELV (STEL) | | |
| EC: 200-580-7 | | | Year | 2015 | |
| DNEL (Workers): | | | | | |
| | | Shor | t exposure | Long | exposure |
| Identification | | Systemic | Local | Systemic | Local |
| Alkohols, C12-14 (even numbered),ethoxylated < 2.5 EO, sulfates, sodium salts | Oral | Non-applicable | Non-applicable | Non-applicable | Non-applicable |
| CAS: 68891-38-3 | Dermal | Non-applicable | Non-applicable | 2750 mg/kg | Non-applicable |
| EC: 500-234-8 | Inhalation | Non-applicable | Non-applicable | 175 mg/m ³ | Non-applicable |
| DNEL (General population): | | | | | |
| | | Shor | t exposure | Long | exposure |
| Identification | | Systemic | Local | Systemic | Local |
| Alkohols, C12-14 (even numbered),ethoxylated < 2.5 EO, sulfates, sodium salts | Oral | Non-applicable | Non-applicable | 15 mg/kg | Non-applicable |
| CAS: 68891-38-3 | Dermal | Non-applicable | Non-applicable | 1650 mg/kg | Non-applicable |
| EC: 500-234-8 | Inhalation | Non-applicable | Non-applicable | 52 mg/m ³ | Non-applicable |

Office Depot - Dishwashing liquid: Original

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

| Identification | | | | |
|---|--------------|----------------|-------------------------|-------------|
| Alkohols, C12-14 (even numbered),ethoxylated < 2.5 EO, sulfates, sodium salts | STP | 10000 mg/L | Fresh water | 0,24 mg/L |
| CAS: 68891-38-3 | Soil | 0,946 mg/kg | Marine water | 0,024 mg/L |
| EC: 500-234-8 | Intermittent | 0,071 mg/L | Sediment (Fresh water) | 5,45 mg/kg |
| | Oral | Non-applicable | Sediment (Marine water) | 0,545 mg/kg |

8.2 Exposure controls:

A.- General security and hygiene measures in the work place

As a preventative measure it is recommended to use basic Personal Protection Equipment, with the corresponding <<CE marking>> in accordance with Directive 89/686/EC. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1.

All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the professional exposure limits are exceeded.

C.- Specific protection for the hands

Non-applicable

D.- Ocular and facial protection

Non-applicable

E.- Bodily protection

Non-applicable

F.- Additional emergency measures

It is not necessary to take additional emergency measures.

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

| Physical state at 20 °C: | Liquid |
|--|------------------------------|
| Appearance: | Fluid |
| Color: | Characteristic |
| Odor: | Orig - Fresh |
| Volatility: | |
| Boiling point at atmospheric pressure: | 100 °C |
| Vapour pressure at 20 °C: | 2350 Pa |
| Vapour pressure at 50 °C: | 12379 Pa (12 kPa) |
| Evaporation rate at 20 °C: | Non-applicable * |
| Product description: | |
| Density at 20 °C: | 1065 kg/m³ |
| Relative density at 20 °C: | 1,065 |
| Dynamic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 20 °C: | Non-applicable * |
| Kinematic viscosity at 40 °C: | Non-applicable * |
| *Not relevant due to the nature of the product, not providing informat | ion property of its hazards. |
| | |

Office Depot - Dishwashing liquid: Original

| Concentration: | Non-applicable * | |
|--|------------------------|--|
| pH: | 5 - 8 | |
| Vapour density at 20 °C: | Non-applicable * | |
| Partition coefficient n-octanol/water 20 °C: | Non-applicable * | |
| Solubility in water at 20 °C: | Non-applicable * | |
| Solubility properties: | Highly water-soluble | |
| Decomposition temperature: | Non-applicable * | |
| Melting point/freezing point: | Non-applicable * | |
| Flammability: | | |
| Flash Point: | Non Flammable (>60 °C) | |
| Autoignition temperature: | 427 °C | |
| Lower flammability limit: | Non-applicable * | |
| Upper flammability limit: | Non-applicable * | |
| Other information: | | |
| Surface tension at 20 °C: | Non-applicable * | |
| Refraction index: | Non-applicable * | |

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7.

10.2 Chemical stability:

Chemically stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4 Conditions to avoid:

Applicable for handling and storage at room temperature:

| | Shock and friction | Contact with air | Increase in temperature | Sunlight | Humidity |
|------|-------------------------|------------------|-------------------------|-----------------------|----------------|
| | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |
| 10.5 | Incompatible materials: | | | | |
| | Acids | Water | Combustive materials | Combustible materials | Others |

| Acids | Water | Combustive materials | Combustible materials | Others |
|----------------|----------------|----------------------|-----------------------|-------------------------------|
| Not applicable | Not applicable | Avoid direct impact | Not applicable | Avoid alkalis or strong bases |

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure: A.- Ingestion:

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.

- Corrosivity/Irritability: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.

B- Inhalation:

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for inhalation. For more information see section 3.

- Corrosivity/Irritability: Based on available data, the classification criteria are not met, however it does contain substances classified as dangerous for this effect. For more information see section 3.

C- Contact with the skin and the eyes:

- Contact with the skin: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for skin contact. For more information see section 3.

- Contact with the eyes: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for skin contact. For more information see section 3.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for the effects mentioned. For more information see section 3.

- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- Reproductive toxicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous with sensitising effects. For more information see section 3.

- Cutaneous: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous with sensitising effects. For more information see section 3.

F- Specific target organ toxicity (STOT)-time exposure:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as dangerous for this effect. For more information see section 3.

Other information:

Non-applicable

Specific toxicology information on the substances:

| Identification | Ac | ute toxicity | Genus |
|---|-----------------|----------------|-------|
| Alkohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts | LD50 oral | 4100 mg/kg | Rat |
| CAS: 68891-38-3 | LD50 dermal | Non-applicable | |
| EC: 500-234-8 | LC50 inhalation | Non-applicable | |
| Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) | LD50 oral | 100 mg/kg | Rat |
| CAS: 55965-84-9 | LD50 dermal | 300 mg/kg | Rat |
| EC: Non-applicable | LC50 inhalation | Non-applicable | |

SECTION 12: ECOLOGICAL INFORMATION

The experimental information related to the eco-toxicological properties of the product itself is not available

12.1 Toxicity:

Office Depot - Dishwashing liquid: Original

SECTION 12: ECOLOGICAL INFORMATION (continued)

| Identification | | Acute toxicity | Species | Genus |
|--|------|----------------------|---------|------------|
| Alkohols, C12-14 (even numbered),ethoxylated < 2.5 EO, sulfates, sodium salts | LC50 | 10 - 100 mg/L (96 h) | | Fish |
| CAS: 68891-38-3 | EC50 | 10 - 100 mg/L (48 h) | | Crustacear |
| EC: 500-234-8 | EC50 | 10 - 100 mg/L (72 h) | | Algae |
| Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) | LC50 | 0,1 - 1 mg/L (96 h) | | Fish |
| CAS: 55965-84-9 | EC50 | 0,1 - 1 mg/L | | Crustacear |
| EC: Non-applicable | EC50 | 0,1 - 1 mg/L | | Algae |

| Identification | Degra | adability | Biodegradab | ility |
|---|----------|----------------|-----------------|-----------|
| Alkohols, C12-14 (even numbered),ethoxylated < 2.5 EO, sulfates, sodium salts | BOD5 | Non-applicable | Concentration | 10,5 mg/L |
| CAS: 68891-38-3 | COD | Non-applicable | Period | 28 days |
| EC: 500-234-8 | BOD5/COD | Non-applicable | % Biodegradable | 100 % |

12.3 Bioaccumulative potential:

Not available

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

| Code | Description | Waste class (Regulation (EU) No 1357/2014) |
|----------|---|---|
| 20 01 30 | Detergents other than those mentioned in 20 01 29 | Non dangerous |
| | | |

Type of waste (Regulation (EU) No 1357/2014):

Non-applicable

Waste management (disposal and evaluation):

Consult the authorized waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise, it will be processed as non-dangerous residue. We do not recommended disposal down the drain. See paragraph 6.2.

Regulations related to waste management:

In accordance with Annex II of Regulation (EC) $n^{0}1907/2006$ (REACH) the community or state provisions related to waste management are stated

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport (ADR/RID,IMDG,IATA)

SECTION 15: REGULATORY INFORMATION

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

Regulation (EC) No 528/2012: contains a preservative to protect the initial properties of the treated article. Contains Bronopol (INN), Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1).

SECTION 15: REGULATORY INFORMATION (continued)

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Article 95, REGULATION (EU) No 528/2012: Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (Product-type 2, 4, 6, 11, 12, 13)

REGULATION (EU) No 649/2012, in relation to the import and export of hazardous chemical products: Non-applicable

Regulation (EC) nº648/2004 on detergents:

In accordance with this regulation the product complies with the following:

The tensoactives contained in this mixture comply with the biodegradibility criteria stipulated in Regulation (EC) $n^{0}648/2004$ on detergents. The information to prove this is available to the relevant authorities of the Member States and will be shown to them by direct request or the request of a detergent manufacturer.

Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex XVII, REACH):

Non-applicable

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

The product could be affected by sectorial legislation

- Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products
- Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents

- Commission Regulation (EC) No 907/2006 of 20 June 2006 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes III and VII

- Commission Regulation (EC) No 551/2009 of 25 June 2009 amending Regulation (EC) No 648/2004 of the European Parliament and of the Council on detergents, in order to adapt Annexes V and VI thereto (surfactant derogation)

15.2 Chemical safety assessment:

The supplier has not carried out evaluation of chemical safety.

SECTION 16: OTHER INFORMATION

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with ANNEX II-Guide to the compilation of safety data sheets of Regulation (EC) Nº 1907/2006 (Regulation (EU) Nº 453/2010, Regulation (EC) Nº 2015/830)

Modifications related to the previous security card which concerns the ways of managing risks. :

Non-applicable

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

CLP Regulation (EC) nº 1272/2008:

Acute Tox. 3: H301+H311+H331 - Toxic if swallowed, in contact with skin or if inhaled Aquatic Acute 1: H400 - Very toxic to aquatic life Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects Eye Dam. 1: H318 - Causes serious eye damage Skin Corr. 1B: H314 - Causes severe skin burns and eye damage Skin Irrit. 2: H315 - Causes skin irritation Skin Sens. 1: H317 - May cause an allergic skin reaction

Classification procedure:

Version: 1

SECTION 16: OTHER INFORMATION (continued)

Non-applicable

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

Principal bibliographical sources:

http://esis.jrc.ec.europa.eu http://echa.europa.eu http://eur-lex.europa.eu

Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road IMDG: International maritime dangerous goods code IATA: International Air Transport Association ICAO: International Civil Aviation Organisation COD: Chemical Oxygen Demand BOD5: 5-day biochemical oxygen demand BCF: Bioconcentration factor LD50: Lethal Dose 50 CL50: Lethal Concentration 50 EC50: Effective concentration 50 Log-POW: Octanol–water partition coefficient Koc: Partition coefficient of organic carbon

The information contained in this safety data sheet is based on sources, technical knowledge and current legislation at European and state level, without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control, and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.