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SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Version 6.17 Revision Date 27.10.2023 Print Date 17.11.2023 GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

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

1.1 Product identifiers

Product name : Methanol gradient grade for liquid chromatography LiChrosolv® Reag. Ph Eur

| Product Number | : | 1.06007 |
|----------------|---|-----------------------|
| Catalogue No. | : | 106007 |
| Brand | : | Millipore |
| Index-No. | : | 603-001-00-X |
| REACH No. | : | 01-2119433307-44-XXXX |
| CAS-No. | : | 67-56-1 |

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

Identified uses : Reagent for analysis, Analytical and preparative chromatography, Chemical production

1.3 Details of the supplier of the safety data sheet

| | Company | : | Merck KGaA Frankfurter Str. 250 D-64271 DARMSTADT |
|-----|------------------------------------------------------------------|---|--------------------------------------------------------------------------------------------------------------|
| 1.4 | Telephone Fax E-mail address Emergency telephone | : | +49 (0)6151 72-0 +49 6151 727780 TechnicalService@merckgroup.com |
| | Emergency Phone # | : | +(44)-870-8200418 (CHEMTREC (GB)) +(353)-19014670 (CHEMTREC Ireland) 001-803-017-9114 (CHEMTREC India) |

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Flammable liquids (Category 2), H225 Acute toxicity, Oral (Category 3), H301 Acute toxicity, Inhalation (Category 3), H331 Acute toxicity, Dermal (Category 3), H311

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Page 1 of 16



Specific target organ toxicity - single exposure (Category 1), Eyes, Central nervous system, H370

For the full text of the H-Statements mentioned in this Section, see Section 16.

2.2 Label elements

| Labelling according Regulation (EC) No 1272/2008 Pictogram | | |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Signal Word | Danger | |
| Hazard statement(s) H225 H301 + H311 + H331 H370 | Highly flammable liquid and vapor. Toxic if swallowed, in contact with skin or if inhaled. Causes damage to organs (Eyes, Central nervous system). | |
| Precautionary statement(s) P210 |) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. | |
| P233 P280 | Keep container tightly closed. Wear protective gloves/ protective clothing/ eye protection/ face protection. | |
| P301 + P310 P303 + P361 + P353 | IF SWALLOWED: Immediately call a POISON CENTER/ doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. | |
| P304 + P340 + P311 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor. | |
| Supplemental Hazard Statements | none | |
| Reduced Labeling (<= 1 Pictogram | 25 ml) | |

| Signal Word | Danger |
|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statement(s) H370 H301 + H311 + H331 | Causes damage to organs. Toxic if swallowed, in contact with skin or if inhaled. |
| Precautionary statement(s) P301 + P310 P304 + P340 + P311 | IF SWALLOWED: Immediately call a POISON CENTER/ doctor. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor. |
| Supplemental Hazard Statements | none |

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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Page 2 of 16



Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

3.1 Substances

Formula

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

· CH4O

| Molecular weight CAS-No. EC-No. Index-No. | : 32,04 g/mol : 67-56-1 : 200-659-6 : 603-001-00-X | | |
|----------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Component | | Classification | Concentration |
| Methanol | | | |
| CAS-No. EC-No. Index-No. | 67-56-1 200-659-6 603-001-00-X | Flam. Liq. 2; Acute Tox. 3; STOT SE 1; H225, H301, H331, H311, H370 Concentration limits: >= 10 %: STOT SE 1, H370; 3 - < 10 %: STOT SE 2, H371; | <= 100 % |

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

General advice

First aiders need to protect themselves. Show this material safety data sheet to the doctor in attendance.

If inhaled

After inhalation: fresh air. Immediately call in physician. If breathing stops: immediately apply artificial respiration, if necessary also oxygen.

In case of skin contact

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Call a physician immediately.

In case of eye contact

After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses.

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Page 3 of 16

If swallowed

After swallowing: fresh air. Make victim drink ethanol (e.g. 1 drinking glass of a 40% alcoholic beverage). Call a doctor immediately (mention methanol ingestion). Only in exceptional cases, if no medical care is available within one hour, induce vomiting (only in fully conscious persons) and make victim drink ethanol again (approx. 0.3 ml of a 40% alcoholic beverage/kg body weight/hour).

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water Foam Carbon dioxide (CO2) Dry powder

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

5.2 Special hazards arising from the substance or mixture

Carbon oxides Combustible.

Pay attention to flashback.

Vapors are heavier than air and may spread along floors.

Development of hazardous combustion gases or vapours possible in the event of fire.

Forms explosive mixtures with air at ambient temperatures.

5.3 Advice for firefighters

Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing.

5.4 Further information

Remove container from danger zone and cool with water. Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Keep away from heat and sources of ignition. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains. Risk of explosion.

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Page 4 of 16

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6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

6.4 **Reference to other sections**

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.

Hygiene measures

Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities 7.2

Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from heat and sources of ignition. Keep locked up or in an area accessible only to gualified or authorized persons.

Recommended storage temperature see product label.

Storage class

Storage class (TRGS 510): 3: Flammable liquids

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with workplace control parameters

| Derived No Effect Level (DNEL) | | | |
|--------------------------------|------------|------------------|-----------|
| Application Area | Routes of | Health effect | Value |
| | exposure | | |
| Worker DNEL, acute | dermal | Systemic effects | |
| Worker DNEL, acute | inhalation | Systemic effects | 260 mg/m3 |
| Worker DNEL, acute | inhalation | Local effects | 260 mg/m3 |
| Worker DNEL, longterm | dermal | Systemic effects | |

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Page 5 of 16

| Worker DNEL, longterm | inhalation | Systemic effects | 260 mg/m3 |
|----------------------------|------------|------------------|-----------|
| Worker DNEL, longterm | inhalation | Local effects | 260 mg/m3 |
| Consumer DNEL, acute | dermal | Systemic effects | |
| Consumer DNEL, acute | inhalation | Systemic effects | 50 mg/m3 |
| Consumer DNEL, acute | oral | Systemic effects | |
| Consumer DNEL, acute | inhalation | Local effects | 50 mg/m3 |
| Consumer DNEL, longterm | dermal | Systemic effects | |
| Consumer DNEL, longterm | inhalation | Systemic effects | 50 mg/m3 |
| Consumer DNEL, longterm | oral | Systemic effects | |
| Consumer DNEL, longterm | inhalation | Local effects | 50 mg/m3 |

Predicted No Effect Concentration (PNEC)

| Compartment | Value |
|------------------------|-------------|
| | 154 |
| Fresh water | 154 mg/l |
| Fresh water sediment | 570,4 mg/kg |
| Sea water | 15,4 mg/l |
| Soil | 23,5 mg/kg |
| Sewage treatment plant | 100 mg/l |

8.2 Exposure controls

Personal protective equipment

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses

Skin protection

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de).

Full contact Material: butyl-rubber Minimum layer thickness: 0,7 mm Break through time: 480 min Material tested:Butoject® (KCL 898)

This recommendation applies only to the product stated in the safety data sheet, supplied by us and for the designated use. When dissolving in or mixing with other substances and under conditions deviating from those stated in EN 16523-1 please

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Page 6 of 16

contact the supplier of CE-approved gloves (e.g. KCL GmbH, D-36124 Eichenzell, Internet: www.kcl.de). Splash contact Material: Viton® Minimum layer thickness: 0,7 mm Break through time: 120 min Material tested: Vitoject® (KCL 890 / Aldrich Z677698, Size M)

Body Protection

Flame retardant antistatic protective clothing.

Respiratory protection

required when vapours/aerosols are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type AX

The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Control of environmental exposure

Do not let product enter drains. Risk of explosion.

SECTION 9: Physical and chemical properties 9.1 Information on basic physical and chemical properties

| | • | <i>,</i> |
|---------|----------------------------------------------------|-------------------------------------------------------------------|
| a) | Physical state | liquid |
| b) | Color | colorless |
| c) | Odor | characteristic |
| d) | Melting point/freezing point | Melting point: -97,8 °C - (ECHA) |
| e) | Initial boiling point and boiling range | 64,7 °C at 1.013 hPa - (ECHA) |
| f) | Flammability (solid, gas) | No data available |
| g) | Upper/lower flammability or explosive limits | Upper explosion limit: 44 %(V) Lower explosion limit: 5,5 %(V) |
| h) | Flash point | 9,7 °C - closed cup - Regulation (EC) No. 440/2008, Annex, A.9 |
| i) | Autoignition temperature | 455,0 °C at 1.013 hPa - DIN 51794 |
| j) | Decomposition temperature | Distillable in an undecomposed state at normal pressure. |
| k) | рН | No data available |
| I) | Viscosity | Viscosity, kinematic: 0,54 - 0,59 mm2/s at 20 °C |
| ore- 1. | 06007 | Page 7 of 16 |

Millipore- 1.06007

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| | | Viscosity, dynamic: > 0,544 - < 0,59 mPa.s at 25 °C |
|----|-------------------------------------------|--------------------------------------------------------------------|
| m) | Water solubility | 1.000 g/l at 20 °C - completely miscible |
| n) | Partition coefficient: n-octanol/water | log Pow: -0,77 at 25 °C - (HSDB), Bioaccumulation is not expected. |
| o) | Vapor pressure | 169,27 hPa at 25 °C |
| p) | Density | 0,79 g/cm3 at 20 °C |
| | Relative density | 0,79 - 0,8 at 20 °C |
| q) | Relative vapor density | 1,11 |
| r) | Particle characteristics | No data available |
| | | |

- s) Explosive properties No data available
- t) Oxidizing properties none

9.2 Other safety information

| Minimum ignition energy | 0,14 mJ |
|----------------------------|-----------|
| Conductivity | < 1 µS/cm |
| Relative vapor density | 1,11 |

SECTION 10: Stability and reactivity

10.1 Reactivity

Vapors may form explosive mixture with air.

10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature) .

10.3 Possibility of hazardous reactions

Risk of explosion with: Oxidizing agents perchloric acid perchlorates salts of oxyhalogenic acids chromium(VI) oxide halogen oxides nitrogen oxides nonmetallic oxides chromosulfuric acid chlorates hydrides zinc diethyl halogens

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Page 8 of 16



powdered magnesium hydrogen peroxide Nitric acid sulfuric acid permanganic acid sodium hypochlorite Exothermic reaction with: acid halides Acid anhydrides Reducing agents acids Bromine Chlorine Chloroform magnesium tetrachloromethane Risk of ignition or formation of inflammable gases or vapours with: Fluorine Oxides of phosphorus Raney-nickel Generates dangerous gases or fumes in contact with: Alkaline earth metals Alkali metals

10.4 Conditions to avoid

Warming.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

In the event of fire: see section 5

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity Acute toxicity estimate Oral - 100,1 mg/kg (Expert judgment) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) Symptoms: Nausea, Vomiting Acute toxicity estimate Inhalation - 4 h - 3,1 mg/l - vapor

(Expert judgment) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2) Symptoms: Irritation symptoms in the respiratory tract. Acute toxicity estimate Dermal - 300,1 mg/kg (Expert judgment) Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

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Page 9 of 16

Skin corrosion/irritation

Skin - Rabbit Result: No skin irritation Remarks: (ECHA) Remarks: Drying-out effect resulting in rough and chapped skin.

Serious eye damage/eye irritation

Eyes - Rabbit Result: No eye irritation Remarks: (ECHA)

Respiratory or skin sensitization

Sensitisation test: - Guinea pig Result: negative (OECD Test Guideline 406)

Germ cell mutagenicity

Based on available data the classification criteria are not met. Test Type: Ames test Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Test Type: In vitro mammalian cell gene mutation test Test system: Chinese hamster lung cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: negative

Test Type: Micronucleus test Species: Mouse Cell type: Bone marrow Application Route: Intraperitoneal injection Method: OECD Test Guideline 474 Result: negative

Carcinogenicity

Did not show carcinogenic effects in animal experiments.

Reproductive toxicity

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Causes damage to organs. - Eyes, Central nervous system Remarks: Classified according to Regulation (EU) 1272/2008, Annex VI (Table 3.1/3.2)

Specific target organ toxicity - repeated exposure No data available

Aspiration hazard No data available

Millipore- 1.06007

Page 10 of 16

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11.2 Additional Information

Endocrine disrupting properties

Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Acute effects:, Headache, Dizziness, Drowsiness, narcosis, Blindness, İmpairment of vision, irritant effects, Nausea, Vomiting, agitation, spasms, inebriation, Coma Drying-out effect resulting in rough and chapped skin. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Systemic effects:

acidosis drop in blood pressure agitation, spasms inebriation Dizziness Drowsiness Headache Impairment of vision Blindness narcosis Coma

Symptoms may be delayed.

Damage to:

Liver Kidney Cardiac Irreversible damage of the optical nerve.

Other dangerous properties can not be excluded.

This substance should be handled with particular care.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

flow-through test LC50 - Lepomis macrochirus (Bluegill) - 15.400,0 mg/l - 96 h (US-EPA)

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Page 11 of 16

| Toxicity to daphnia | semi-static test EC50 - Daphnia magna (Water flea) - 18.260 mg/l - |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| and other aquatic | 96 h |
| invertebrates | (OECD Test Guideline 202) |
| Toxicity to algae | static test ErC50 - Pseudokirchneriella subcapitata (green algae) - ca. 22.000,0 mg/l - 96 h (OECD Test Guideline 201) |
| Toxicity to bacteria | static test IC50 - activated sludge - > 1.000 mg/l - 3 h (OECD Test Guideline 209) |
| Toxicity to | NOEC - Oryzias latipes (Orange-red killifish) - 7.900 mg/l - 200 h |
| fish(Chronic toxicity) | Remarks: (External MSDS) |

12.2 Persistence and degradability

| Biodegradability | Result: 99 % - Readily biodegradable. (OECD Test Guideline 301D) |
|--------------------|---------------------------------------------------------------------|
| Biochemical Oxygen | 600 - 1.120 mg/g |
| Demand (BOD) | Remarks: (IUCLID) |
| Chemical Oxygen | 1.420 mg/g |
| Demand (COD) | Remarks: (IUCLID) |
| Theoretical oxygen | 1.500 mg/g |
| demand | Remarks: (Lit.) |
| Ratio BOD/ThBOD | 76 % Remarks: Closed Bottle test(IUCLID) |
| | |

12.3 Bioaccumulative potential

Bioaccumulation Cyprinus ca

Cyprinus carpio (Carp) - 72 d at 20 °C - 5 mg/l(Methanol)

Bioconcentration factor (BCF): 1,0

12.4 Mobility in soil

Will not adsorb on soil.

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Additional ecological Avoid release to the environment. information

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Page 12 of 16

SECTION 13: Disposal considerations

13.1 Waste treatment methods No data available

| SECTION 14: Transport information | | |
|----------------------------------------------------------------------------------------------|---------------------------|---------------|
| 14.1 UN number ADR/RID: 1230 | IMDG: 1230 | IATA: 1230 |
| 14.2 UN proper shipping name ADR/RID: METHANOL IMDG: METHANOL IATA: Methanol | | |
| 14.3 Transport hazard class(es) ADR/RID: 3 (6.1) | IMDG: 3 (6.1) | IATA: 3 (6.1) |
| 14.4 Packaging group ADR/RID: II | IMDG: II | IATA: II |
| 14.5 Environmental hazards ADR/RID: no | IMDG Marine pollutant: no | IATA: no |
| 14.6 Special precautions for user Tunnel restriction code : (D/E) | | |
| Further information : | No data available | |

SECTION 15: Regulatory information

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

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

: Methanol

Authorisations and/or restrictions on use

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

National legislation

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Page 13 of 16



Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

H2 ACUTE TOXIC

P5c FLAMMABLE LIQUIDS

22 Methanol

Other regulations

Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable.

Take note of Dir 94/33/EC on the protection of young people at work.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

Full text of H-Statements referred to under sections 2 and 3.

| H225 H301 H301 + H311 + | Highly flammable liquid and vapor. Toxic if swallowed. Toxic if swallowed, in contact with skin or if inhaled. |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------|
| H331 | |
| H311 | Toxic in contact with skin. |
| H331 | Highly flammable liquid and vapor. |
| H370 | Toxic if swallowed, in contact with skin or if inhaled. |
| H371 | Causes damage to organs (Eyes, Central nervous system). |

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Page 14 of 16

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM -American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS -Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx -Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIOC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Corporation and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See www.sigma-aldrich.com and/or the reverse side of invoice or packing slip for additional terms and conditions of sale.

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Millipore- 1.06007

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Page 15 of 16

Millipore- 1.06007

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Page 16 of 16

