



Print Date 03/14/2017 Revision Date 03/14/2017

Product Identifier

duct Identifier
Trade Name: EP1121 Clear B

· Application of the Substance or Mixture: Epoxy Hardener

· Details of the Supplier of the Safety Data Sheet (SDS)

· Manufacturer or Supplier:

Resinlab, LLC
Resinlab, LLC
N109 W13300 Ellsworth Drive,
Germantown, WI 53022
1-800-388-8605
www.resinlab.com
Information Department: Product Safety Department: msds@resinlab.com

Emergency Telephone Number: North America - Chemtrec: 1-800-424-9300 (24 hours) International - Chemtrec: 01-703-527-3887 (24 hours)

2 Hazard(s) identification

· Hazard Classification

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Skin Sens. 1 H317 May cause an allergic skin reaction.

H361 Suspected of damaging fertility or the unborn child. Repr. 2

STOT SE 1 H370 Causes damage to the eyes.

STOT RE 1 H372 Causes damage to the lung through prolonged or repeated exposure.

· Label Elements

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS). Pictogram(s)







GHS05

GHS07

· Signal Word Danger

· Hazard-determining Component(s)
Mixture of Alicyclic aliphatic polyamine, alkyletheramine and alkylphenol.
4-Nonylphenol, branched

Diethylenetriamine Poly(oxypropylene)diamine Bisphenol A

Hazard statements

H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H361 Suspected of damaging fertility or the unborn child.
H370 Causes damage to the eyes.
H372 Causes damage to the lung through prolonged or repeated exposure.

Precautionary statements

Precautionary statements
Do not breathe dusts or mists.

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

Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not eat, drink or smoke when using this product.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF INFALED: Remove person to fresh air and keep comfortable for breathing.

Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If swallowed: Rinse mouth. Do NOT induce vomiting.

If swallowed: Rinse mouth. Do NOT induce vomiting

Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard Rating System

PA System · NFPA Ratings (scale 0 - 4)



Health = 3Reactivity = 1

NFPA special hazards (water reactivity and oxidizing property): None

· HMIS System · HMIS Ratings (scale 0 - 4)



Health = *3Fire = 1Reactivity = 1

Other hazards
Results of PBT and vPvB assessment
PBT: Not applicable.





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· vPvB: Not applicable.

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3 Composition/information on ingredients

Chemical Characterization: Mixtures Composition/Information on Ingredients				
CAS: 84852-15-3 EINECS: 284-625-5 Index Number: 601-053-00-8	4-Nonylphenol, branched Repr. 2. H361	25-30%		
CAS: 9046-10-0	Poly(oxypropylene)diamine Skin Corr. 1C, H314: Eye Dam. 1, H318 Aquatic Chronic 2, H411 Aquatic Acute 3, H402	10-20%		
CAS: 111-40-0 EINECS: 203-865-4 Index Number: 612-058-00-X RTECS: IE 1225000	Diethylenetriamine Acute Tox. 1, H330 Skin Corr. 1B, H314 Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; STOT SE 3, H335	1-2.5%		
CAS: 90-72-2 EINECS: 202-013-9 Index Number: 603-069-00-0	2,4,6-tris(dimethylaminomethyl)phenol Skin Corr. 1B, H314; Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 3, H402; Aquatic Chronic 3, H412	0.1-<1%		
CAS: 80-05-7 EINECS: 201-245-8 Index Number: 604-030-00-0 RTECS: SL 6300000	Bisphenol A Repr. 2, H361 Eye Dam. 1, H318 Skin Sens. 1, H317; STOT SE 3, H335	0.1-<1%		
CAS: 112-57-2 EINECS: 203-986-2 Index Number: 612-060-00-0 RTECS: KH8585000	Tetraethylenepentamine Skin Corr. 1B. H314	0.1-<1%		
CAS: 108-95-2 EINECS: 203-632-7 Index Number: 604-001-00-2 RTECS: SJ 3325000	Phenol Acute Tox. 3. H301: Acute Tox. 3. H311: Acute Tox. 3. H331	0-<0.1%		
CAS: 8052-41-3 EINECS: 232-489-3 Index Number: 649-345-00-4 RTECS: WJ 8925000	Stoddard solvent Flam. Liq. 3, H226 Asp. Tox. 1, H304	0-<0.1%		

Additional Information:

If the chemical name/CAS number is proprietary and or weight percentage is listed as a range, the specific chemical identity and or percentage of composition has been withheld as a trade secret.

4 First-aid measures

Description of First Aid Measures

General Information
Symptoms may be delayed several hours after exposure; victims should be medically observed for at least 48 hours after exposure.
Ensure medical personnel are aware of exposure and take precautions for their personal protection; see Section 8 for the information of personal protection.

After Inhalation

Remove victim from exposure to fresh air. Keep person at rest. Provide oxygen if person is not breathing. In case of unconsciousness place patient stably in side position for transportation. Get medical attention

After Skin Contact

Immediately remove all contaminated clothing and put them in a tightly sealed bag. Immediately wash contaminated skin with water and soap and rinse them thoroughly. Get medical attention

After Eye Contact

Immediately rinse opened eyes for at least 15 minutes under running water.
Immediately remove contact lenses if present. Continue rinsing.
Do not put any ointments, oils or medication in eyes without specific instructions.
Seek medical advice.

After Swallowing

After Swallowing
If victim is unconscious; never give anything by mouth.
If victim is conscious; rinse out mouth and give victim small amounts of water.
Do NOT induce vomiting.
If vomiting occurs spontaneously, keep victim's head below hips to prevent aspiration of liquid into lungs.
Seek immediate medical advice.





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5 Fire-fighting measures

Extinguishing Media
Suitable Extinguishing Agent(s)
Use fire fighting measures and extinguishing agents that suit the environment.

In case of fire, suitable extinguishing agents are:

Alcohol resistant foam.

Alcohol resistant loads Dry chemical or fire-extinguishing powder. Carbon dioxide (CO₂). Water spray or water fog. Unsuitable Extinguishing Agent(s) Water with full jet

Firefighting Procedures

Solid stream of water may spread fire; use water spray or water fog.
Cool all affected containers with flooding quantities of water.
Runoff from fire control or dilution water may be corrosive and/or toxic; protect personnel and minimize property damage.

Contain fire water runoff if possible to prevent environmental pollution.

Special Hazards Arising in FireWill not burn unless preheated.
In case of fire, following can be released:

Aldehydes and ketones

Carbon dioxide (CO₂) and Carbon monoxide (CO)

Nitrogen oxides

Advice for Firefighters

If employees are expected to fight fires, they must be trained and equipped as stated in the OSHA fire brigades standard (29 CFR 1910.156).

As with any fire, wear positive-pressure self-contained breathing apparatus and full protective gear that are NIOSH approved.

6 Accidental release measures

Personal Precautions

Do not touch damaged containers or spills unless wearing appropriate protective equipment.
Do not breathe gas, vapors, dusts or mists if their inhalable particles occur during use.
Ensure personnel take precautions for their personal protection during clean up; see Section 8 for the specific requirements.

Environmental Precautions

Keep away from sewage system or other water courses; do not penetrate ground/soil. Inform respective authorities in case of any seepage to the environment.

Cleaning Up Methods Ensure adequate ventilation.

Ensure adequate ventilation.

Eliminate all ignition sources.

Keep unauthorized personnel away.

Allow molten product to cool.

Absorb residues with liquid-binding materials.

Ventilate and wash area after clean-up is complete.

Collect spills in suitable and properly labeled containers.

Do not use solvents unless following safe handling practices and within the recommended exposure guidelines.

Dispose contaminated chemicals as waste according to Section 13.

· Additional Information No further relevant information.

7 Handling and storage

Handling

Precautions for Safe Handling
Avoid breathing vapor.
Ensure good ventilation and/or exhaustion at workplace.
Keep away from incompatible material(s).
Avoid any release into the environment.
Observe all the personal protection requirements in Section 8.
Information about Protection Against Explosions and Fine

Information about Protection Against Explosions and Fires

Keep away from heat, sparks, open flame and other ignition sources during handling.

Storage

Requirements to be Met by Storerooms and Receptacles
Store in a well-ventilated place; provide ventilation for receptacles.
Keep stored in accordance with local, regional, national, and international regulations.

Additional Information No further relevant information.

8 Exposure controls/personal protection

Engineering Measures or Controls

· Exposure Limit Values that Require Monitoring at the Workplace

84852-15-3 4-Nonylphenol, branched

TEEL-1 Short-term value: 20 mg/m²

TEEL-2 Short-term value: 125 mg/m³

TEEL-3 Short-term value: 500 mg/m³

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111-40-	111-40-0 Diethylenetriamine		
REL	Long-term value: 4 mg/m³, 1 ppm Skin		
TLV	Long-term value: 4.2 mg/m³, 1 ppm Skin		
112-57-	2 Tetraethylenepentamine		
WEEL	Long-term value: 5 mg/m³ Skin; DSEN		
108-95-	2 Phenol		
PEL	Long-term value: 19 mg/m³, 5 ppm Skin		
REL	Long-term value: 19 mg/m³, 5 ppm Ceiling limit value: 60* mg/m³, 15.6* ppm *15-min; Skin		
TLV	Long-term value: 19 mg/m³, 5 ppm Skin; BEI		
8052-41	-3 Stoddard solvent		
PEL	Long-term value: 2900 mg/m³, 500 ppm		
REL	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min		
TLV	Long-term value: 525 mg/m³, 100 ppm		
· Oth	er Engineering Measures or Controls		

Other Engineering Measures of Controls
Ventilation rates should be matched to conditions.
If applicable, use process enclosure(s), local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

· Personal Protective

General Protective and Hygienic Measures
Pregnant women should avoid direct skin contact with this product.

Avoid any contact with skin or eye.

Personal Protective Equipment (PPE)

Breathing Equipment
Sonai Protective Equipment
Breathing Equipment
Sufficient ventilation in pattern and volume should be provided in order to maintain air contaminant levels below recommended exposure limits.
Use a NIOSH approved air-purifying organic vapor respirator if occupational limits are exceeded. For emergency situations, confined space use, or other conditions where exposure limits may be greatly exceeded, use an approved air supplied respirator.
Observe OSHA regulations (29CFR 1910.134) for respirator use.
Hand Protection

Hand Protection

Selection of glove material should take into consideration the penetration times, rates of diffusion, and the degradation. Nitrile Gloves

Butyl Rubber Gloves

Eyé Protection

do not wear contacts

safety glasses with side shields and or face shield. **Body Protection** Appropriate chemical resistant clothing.

Additional Information

All protective clothing (suits, gloves, footwear, headgear) should be clean, available every day, and put on before work.

The Engineering measures or controls, and PPE recommendations are only guidelines and may not apply to every situation. For additional information, please consult the corresponding requirements under OSHA 29 CFR 1910.94-95, and 29 CFR 1910.132-138.

9 Physical and chemical properties · Information on Basic Physical and Chemical Properties Appearance: Form: Color: Liquid Amber Ammonia-like Odor: · Odor Threshold: Not determined. · PH-Value: Not determined. Change in Condition: Melting Point: Not determined. Boiling Point: Not determined. > 93 °C (> 199 °F) Not determined. Flash Point: · Decomposition Temperature: Auto-ignition Temperature: Not determined. Flammability: Not determined. Not determined. **Explosion Limits:** Not determined. Lower: Upper: Not determined Vapor Pressure: Vapor Density: Density at 20 °C (68 °F): Solubility in or Miscibility with Not determined. not determined 0.97 g/cm³ (8.095 lbs/gal) Partially miscible. Segregation coefficient LogPow (n-octanol/water): Not determined.

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Viscosity: Dynámic: Kinematic:

Not determined. Not determined

Additional Information

No further relevant information.

10 Stability and reactivity

- · Physical Hazard(s) Not a regulated reactive or physical hazard under GHS.
- · Hazardous Reactivity and Chemical Stability Stable under normal conditions of use, storage and temperatures.
- · Thermal Decomposition and Conditions to be Avoided

Keep away from incompatible material(s).
Thermally decomposes during fire or high heat; keep away from heat, sparks, open flame and other ignition sources.

· Possibility of Other Hazardous Reaction(s) In contact with incompatible materials.

· Incompatible Material(s)

Oxidizing agents Strong reducing agents

Acids

Bases (Alkalis)

Hazardous Decomposition Product(s)

Thermally decomposes during fire or very high heat. See Section 5 for fire hazards evolved during thermal decomposition.

11 Toxicological information

Acute Toxicity
LD/LC50 values that are relevant for classification:
Harmful if swallowed.
If swallowed, may cause:

shock or collapse abnormal pain, headache, nausea, vomiting, drowsiness See acute inhalative effect(s) for further information

Mixture of Alicyclic aliphatic polyamine, alkyletheramine and alkylphenol.

Oral LD50 >2000 mg/kg (read across from 101-68-8)

Alkylpheňol

1100 mg/kg (rat) Alkyletheramine

84852-15-3 4-Nonylphenol, branched

Oral LD50 1604 mg/kg (rat) Reference: Vendor SDS (2015)

9046-10-0 Poly(oxypropylene)diamine

Oral LD50 2885 mg/kg (rat) (similar to OECD guideline 401) Reference: Vendor SDS (2015).

111-40-0 Diethylenetriamine

Oral LD50 1315 mg/kg (rat) (average of the test results of LD50 (oral, rats))
600 mg/kg (pig) (test details not available)
When considering the weight of evidence, 1315 mg/kg was used for acute oral classification.
Reference: GHS-J (2006) and OECD SIDS (1996).

Specific symptoms in biological assay: May be harmful in contact with skin.

Seé acute inhalative effect(s) for further information.

Primary irritant effect: Harmful if inhaled.

In inhaled, may cause:

cough nasal discharge

nausea shortness of breath

sore throat

wheezing

- · on the skin: Caustic effect on the skin and mucous membranes.
- · on the eye: Strong caustic effect.
- · Sensitization: Possible sensitization upon contact with skin.
- · Subacute to chronic toxicity: Not applicable.
- · Experience with humans: Not applicable.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful Corrosive Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

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· Carcinogenic categories

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

12 Ecological information

· Toxicity

Aquatic toxicity:

Mixture of Alicyclic aliphatic polyamine, alkyletheramine and alkylphenol.

Dermal LD50 2290 mg/kg (Test species: n/a) (Rabbit) Alkylphenol

1550 mg/kg (rabbit) Alkyletheramine

84852-15-3 4-Nonylphenol, branched

Dermal LD50 2031 mg/kg (rabbit) Vendor SDS 2015

9046-10-0 Poly(oxypropylene)diamine

Dermal LD50 2980 mg/kg (rabbit) (similar to OECD guideline 402) Reference: Vendor SDS (2015).

111-40-0 Diethylenetriamine

Dermal LD50 1090 mg/kg (Estimated from 10% concentration where 1 out of 6 rabbits died)
950 - 1240 mg/kg bw (test detail not available)
650 mg/kg (Calculated from 0.707 mL/kg which was estimated from 1.0 mL/kg where 3 out of 4 rabbits died, and 0.5 mL/kg where 1 out of 4 rabbits died)
Reference: ECHA (2011) and OECD SIDS (1996).

Persistence and degradability No data available.

Other information: The product is easily biodegradable.

Behavior in environmental systems:

Bioaccumulative potential No data available.

Mobility in soil No further relevant information available.

· Additional ecological information: The product is non-rapid degradable, and low or not highly bioaccumulative.

Additional ecological information: The product is non-rapid degradable, and low or not highly bioaccume. General notes:
 Water hazard class 3 (Self-assessment): extremely hazardous for water
 Do not allow product to reach ground water, water course or sewage system, even in small quantities.
 Must not reach bodies of water or drainage ditch undiluted or unneutralized.
 Danger to drinking water if even extremely small quantities leak into the ground.
 Also poisonous for fish and plankton in water bodies.
 Very toxic for aquatic organisms
 Results of PBT and vPvB assessment
 PBT: None of the ingredients is listed.
 vPvB: None of the ingredients is listed.

13 Disposal considerations

· Waste treatment methods

· RCRA Waste: 111-40-0 Diethylenetriamine D002 1-2.5% 108-95-2 Phenol U188 0-<0.1%

Recommendation:

Generation of waste should be avoided or minimized wherever possible.
Chemical waste, even small quantities, is neither allowed to be poured down drains, sewage system or waterways; nor disposed with household garbage.

Dispose of contents/containers in accordance with local, regional, national, and international regulations.

Uncleaned packagings:
Recommendation Dispose of according to your local waste regulations.

14 Transport information

UN-Number DOT, ADR, IMDG, IATA

UN3267

· UN Proper Shipping Name · DOT

Corrosive liquid, basic, organic, n.o.s.(Aliphatic polyamine, alkyletheramine and alkylphenol, 4-Nonylphenol, branched)

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(Contd. of page 6) · Transport hazard class(es) · DOT Class 8 Corrosive substances · Label · ADR, IMDG 8 Corrosive substances Class Label · Class 8 Corrosive substances Packing group
DOT, ADR, IMDG, IATA Ш · Environmental Hazards: Yes Symbol (fish and tree) Symbol (fish and tree) · Marine Pollutant: Special Marking (ADR): Warning: Corrosive substances 80 F-A,S-B Alkalis · Special Precautions: · Danger Code (Kemler): · EMS Number: · Segregation Groups · Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. · Transport/Additional Information: · DOT Remarks: Special marking with the symbol (fish and tree). · ADR Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml Excepted quantities (EQ) UN 3267 CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S.(Aliphatic polyamine,alkyletheramine and alkylphenol, 4-Nonylphenol branched), 8, III · UN "Model Regulation":

15 Regulatory information

USA Regulation Lists
 SARA (Superfund Amendments and Reauthorization Act of 1986)

Section 302 (Extremely Hazardous Substances)		
108-95-2 Phenol		
· Section 313 (Toxics Release Inventory (TRI) reporting)		
80-05-7 Bisphenol A		
108-95-2 Phenol		
· Section 311/312 (Hazardous Chemical Inventory Reporting)		
Mixture of Alicyclic aliphatic polyamine, alkyletheramine and alkylphenol.	Α	50-60%
84852-15-3 4-Nonylphenol, branched	Α	25-30%
9046-10-0 Poly(oxypropylene)diamine	Α	10-20%
111-40-0 Diethylenetriamine	A, C	1-2.5%
90-72-2 2,4,6-tris(dimethylaminomethyl)phenol	Α	0.1-<1%
80-05-7 Bisphenol A	A, C	0.1-<1%
112-57-2 Tetraethylenepentamine	A	0.1-<1%
108-95-2 Phenol	A, C, F	0-<0.1%

· Hazard Abbreviations for SARA 311/312

A - Acute Health Hazard C - Chronic Health Hazard F - Fire Hazard

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(Contd. of page 7) R - Reactive Hazard S - Sudden Release of Pressure Hazard · TSCA (Toxic Substances Control Act) All ingredients are listed. · Proposition 65 · Chemicals Known to Cause Cancer None of the ingredients is listed. Chemicals Known to Cause Reproductive Toxicity for Females None of the ingredients is listed. · Chemicals Known to Cause Reproductive Toxicity for Males None of the ingredients is listed. · Chemicals Known to Cause Developmental Toxicity None of the ingredients is listed. · Carcinogenic Categories · EPA (Environmental Protection Agency) D, I 108-95-2 Phenol IARC (International Agency for Research on Cancer) 108-95-2 Phenol 3 · NTP (National Toxicology Program) None of the ingredients is listed. · TLV (Threshold Limit Value Established by ACGIH) 108-95-2 Phenol A4 NIOSH-Ca (National Institute for Occupational Safety and Health) None of the ingredients is listed. · International Regulation Lists · Chinese Chemical Inventory of Existing Chemical Substances: All ingredients are listed Japanese Existing and New Chemical Substance List: Mixture of Alicyclic aliphatic polyamine, alkyletheramine and alkylphenol. 84852-15-3 4-Nonylphenol, branched 9046-10-0 Poly(oxypropylene)diamine 111-40-0 Diethylenetriamine 90-72-2 2,4,6-tris(dimethylaminomethyl)phenol 80-05-7 Bisphenol A 112-57-2 Tetraethylenepentamine 108-95-2 Phenol · Korean Existing Chemical Inventory: All ingredients are listed. · European Pre-registered substances: All ingredients are listed. · REACh - Substances of Very High Concern (SVHC) List: 84852-15-3 4-Nonylphenol, branched 25-30% Restriction of Hazardous Substances Directive (RoHS) list: None of the ingredients is listed.

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.

- Department Issuing (M)SDS: Product Safety Department
- Contact: msds@resinlab.com

Abbreviations and acronyms:

ADDITION AND ACTORYMS.

ACGIH: American Conference of Governmental Industrial Hygienists

ACTOR: US EPA Aggregated Computational Toxicology Resource

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road

ADK. European Agreement Concerning the International Carnage of Dangerous Goods by Road
BCF: Bioconcentration Factor
CAS: Chemical Abstracts Service (division of the American Chemical Society)
CCRIS: US NLM TOXNET Chemical Carcinogenesis Research Information System
CHRIP: Japan NITE Information on Biodegradation and Bioconcentration of the Existing Chemical Substances in the Chemical Risk
Information Platform

Information Platform
DOT: US Department of Transportation
DSL: Canada Domestic Substance List
ECHA: European Chemicals Agency's Dissemination portal with information on chemical substances registered under REACH
ESIS: European Chemical Substances Information System
HMIS: US National Paint & Coatings Association (NPCA) Hazardous Materials Identification System
HPVIS: US EPA High Production Volume Information System
HSDB: US NLM TÖXNET Hazardous Substances Databank
HSNO CCID: New Zealand Hazardous Substances and New Organisms Chemical Classification Information Database
IARC: International Agency for Research on Cancer developed by United Nations World Health Organisation (WHO)
IATA-DGR: Dangerous Goods Regulations (DGR) by the International Air Transport Association (IATA)
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ICSC: International Chemical Safety Cards
IMDG: International Maritime Dangerous Goods; the principal international rules for International Carriage of Dangerous Goods by SEA under the Recommendations on the Transport of Dangerous Goods by United Nations (RTDG)
IUCLID: EU REACh International Uniform Chemical Information Database
Koc: Partition coefficient, soil Organic Carbon to water
LC50/LD50: Lethal Concentration/Dose, 50 percent
N/a: Not available or Not applicable or Not applicable Na: Not available or Not applicable
NFPA: US National Fire Protection Association
NIOSH: US National Institute of Occupational Safety and Health
NITE: National Institute of Technology and Evaluation, Japan
OECD: Organisation for Economic Co-operation and Development
OSHA: US Occupational Safety and Health Administration
Ps. Mario Pollutat OSHA: US Occupational Safety and Health Administration
P: Marine Pollutant
RCRA: Resource Conservation and Recovery Act (USA)
REACh: EU Registry, Evaluation and Authorisation of Chemicals
RID: the Regulations Concerning the International Carriage of Dangerous Goods by Rail; published by the Central Office for International
Carriage by Rail (OTIF)
RTDG: the Recommendations on the Transport of Dangerous Goods by United Nations (UN)
RTECS: US Registry of Toxic Effects of Chemical Substances
SARA: US Superfund Amendments and Reauthorization Act
SIDS: OECD existing chemicals Screening Information Data Sets
SIDS SIAM(R): SIDS Initial Assessment Meetings(Reports)
SVHC: EU ECHA Substance of Very High Concern
TEEL: Temporary Emergency Exposure Limit developed by US Subcommittee on Consequence Assessment and Protective Actions
(SCAPA) of US Department of Energy (DOE)
TOXLINE: US NLM bibliographic database search system
TSCA: US Toxic Substance Control Act