

Specific Target Organ Toxicity - (Single Exposure)	Category 3 - H335
Chronic Aquatic Toxicity	Chronic 3 - H412

2.2. Label Elements

Hazard Pictograms



Signal Word

Danger

Hazard Statements

H302 - Harmful if swallowed
 H312 - Harmful in contact with skin
 H314 - Causes severe skin burns and eye damage
 H317 - May cause an allergic skin reaction
 H330 - Fatal if inhaled
 H335 - May cause respiratory irritation
 H361 - Suspected of damaging fertility or the unborn child
 H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
 P304 + P340 - IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 P308 + P313 - IF exposed or concerned: Get medical advice/attention

Contains

Substances

Isophorone diamine
 Diethylenetriamine
 4,4'-Isopropylidenediphenol

CAS Number

2855-13-2
 111-40-0
 80-05-7

2.3. Other Hazards

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
 This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

SECTION 3: Composition/information on Ingredients

3.2. Mixtures

Mixture

Substances	EINECS	CAS Number	PERCENT (w/w)	EU - CLP Substance Classification	REACH No.
Isophorone diamine	220-666-8	2855-13-2	30 - 60%	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) Eye Corr. 1 (H318) Skin Sens. 1 (H317) STOT SE 3 (H335) Aquatic Chronic 3 (H412)	No data available
Diethylenetriamine	203-865-4	111-40-0	10 - 30%	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Corr. 1 (H318) Skin Sens. 1 (H317) STOT SE 3 (H335)	No data available
4,4'-Isopropylidenediphenol	201-245-8	80-05-7	10 - 30%	Eye Corr. 1 (H318)	No data available

				Skin Sens. 1 (H317) Repr. 2 (H361) STOT SE 3 (H335) Aquatic Chronic 2 (H411)	
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For the full text of the H-phrases mentioned in this Section, see Section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	If inhaled, move victim to fresh air and seek medical attention.
Eyes	Check for and remove contact lenses if present. Immediately flush eyes with large amounts of water for at least 30 minutes. Seek prompt medical attention.
Skin	In case of contact, immediately flush skin with plenty of soap and water for at least 30 minutes and remove contaminated clothing, shoes and leather goods immediately. Get medical attention immediately.
Ingestion	Do NOT induce vomiting. Give nothing by mouth. Obtain immediate medical attention.

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

Causes severe eye irritation which may damage tissue. Causes severe skin irritation with tissue destruction. May cause allergic skin reaction. Harmful if swallowed. Harmful in contact with skin. Fatal if inhaled. Potential reproductive hazard. May cause birth defects. May cause damage to internal organs.

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

Notes to Physician Treat symptomatically

SECTION 5: Firefighting Measures

5.1. Extinguishing media

Suitable Extinguishing Media

Water fog, carbon dioxide, foam, dry chemical.

Extinguishing media which must not be used for safety reasons

None known.

5.2. Special hazards arising from the substance or mixture

Special Exposure Hazards

Decomposition in fire may produce harmful gases. Use water spray to cool fire exposed surfaces.

5.3. Advice for firefighters

Special Protective Equipment for Fire-Fighters

Full protective clothing and approved self-contained breathing apparatus required for fire fighting personnel.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use appropriate protective equipment. Avoid breathing vapors. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Evacuate all persons from the area.

See Section 8 for additional information

6.2. Environmental precautions

Prevent from entering sewers, waterways, or low areas. Consult local authorities.

6.3. Methods and material for containment and cleaning up

Isolate spill and stop leak where safe. Contain spill with sand or other inert materials. Scoop up and remove.

6.4. Reference to other sections

See Section 8 and 13 for additional information.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling

Avoid breathing vapors. Avoid contact with eyes, skin, or clothing. Ensure adequate ventilation. Wash hands after use. Launder contaminated clothing before reuse. Use appropriate protective equipment. Material is slippery underfoot.

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Store away from oxidizers. Store away from acids. Store in a cool well ventilated area. Keep container closed when not in use. Store between 59 F (15 C) and 84 F (29 C). Store away from direct sunlight.

7.3. Specific End Use(s)

Exposure Scenario No information available

Other Guidelines No information available

SECTION 8: Exposure Controls/Personal Protection
8.1. Control parameters**Exposure Limits**

Substances	CAS Number	EU	UK	Netherlands	France
Isophorone diamine	2855-13-2	Not applicable	Not applicable	Not applicable	Not applicable
Diethylenetriamine	111-40-0	Not applicable	TWA: 1 ppm TWA: 4.3 mg/m ³ STEL: 3 ppm STEL: 12.9 mg/m ³	1 ppm	1 ppm
4,4'-Isopropylidenediphenol	80-05-7	Not applicable	TWA: 10 mg/m ³ STEL: 30 mg/m ³	10 mg/m ³	TWA: 10 mg/m ³

Substances	CAS Number	Germany	Spain	Portugal	Finland
Isophorone diamine	2855-13-2	Not applicable	Not applicable	Not applicable	Not applicable
Diethylenetriamine	111-40-0	Not applicable	TWA: 1 ppm TWA: 4.3 mg/m ³	TWA: 1 ppm	TWA: 1 ppm TWA: 4.3 mg/m ³ STEL: 3 ppm STEL: 13 mg/m ³
4,4'-Isopropylidenediphenol	80-05-7	TWA: 5 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 5 mg/m ³

Substances	CAS Number	Austria	Ireland	Switzerland	Norway
Isophorone diamine	2855-13-2	Not applicable	Not applicable	Not applicable	Not applicable
Diethylenetriamine	111-40-0	TWA: 1 ppm TWA: 4 mg/m ³	1 ppm TWA; 4 mg/m ³ TWA 3 ppm STEL (calculated); 12 mg/m ³ STEL (calculated)	TWA: 1 ppm TWA: 4 mg/m ³	TWA: 1 ppm TWA: 4 mg/m ³ STEL: 3 ppm STEL: 8 mg/m ³
4,4'-Isopropylidenediphenol	80-05-7	TWA: 5 mg/m ³ STEL" 5 mg/m ³	10 mg/m ³ TWA (inhalable dust) 30 mg/m ³ STEL (calculated)	TWA: 5 mg/m ³ STEL: 5 mg/m ³	TWA: 10 mg/m ³ STEL: 20 mg/m ³

Substances	CAS Number	Italy	Poland	Hungary	Czech Republic
Isophorone diamine	2855-13-2	Not applicable	Not applicable	Not applicable	Not applicable
Diethylenetriamine	111-40-0	Not applicable	TWA: 4 mg/m ³ STEL: 12 mg/m ³	TWA: 4 mg/m ³ STEL: 4 mg/m ³	TWA: 4 mg/m ³
4,4'-Isopropylidenediphenol	80-05-7	Not applicable	TWA: 5 mg/m ³ STEL: 10 mg/m ³	Not applicable	TWA: 2 mg/m ³

Substances	CAS Number	Denmark	Romania	Croatia	Cyprus
Isophorone diamine	2855-13-2	Not applicable	Not applicable	Not applicable	Not applicable
Diethylenetriamine	111-40-0	TWA: 1 ppm TWA: 4 mg/m ³	TWA: 0.5 ppm TWA: 2 mg/m ³ STEL: 1 ppm STEL: 4 mg/m ³	TWA: 1 ppm TWA: 4.3 mg/m ³	Not applicable
4,4'-Isopropylidenediphenol	80-05-7	TWA: 3 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 10 mg/m ³

Derived No Effect Level (DNEL)
Worker

No information available.

General Population

Predicted No Effect Concentration (PNEC)

No information available.

8.2. Exposure controls

Engineering Controls Use in a well ventilated area.

Personal protective equipment

If engineering controls and work practices cannot prevent excessive exposures, the selection and proper use of personal protective equipment should be determined by an industrial hygienist or other qualified professional based on the specific application of this product.

Respiratory Protection

If engineering controls and work practices cannot keep exposure below occupational exposure limits or if exposure is unknown, wear a NIOSH certified, European Standard EN 149, AS/NZS 1715:2009, or equivalent respirator when using this product. Selection of and instruction on using all personal protective equipment, including respirators, should be performed by an Industrial Hygienist or other qualified professional. Organic vapor respirator.

Hand Protection

Chemical-resistant protective gloves (EN 374) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): Nitrile gloves. (>= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced. Manufacturer's directions for use should be observed because of great diversity of types.

Skin Protection

Rubber apron.

Eye Protection

Chemical goggles; also wear a face shield if splashing hazard exists.

Other Precautions

Eyewash fountains and safety showers must be easily accessible. Rubber boots

Environmental Exposure Controls Do not allow material to contaminate ground water system

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Physical State:	Liquid	Color:	Light yellow
Odor:	Amine	Odor Threshold:	No information available

<u>Property</u>	<u>Values</u>
Remarks/ - Method	
pH:	No data available
Freezing Point/Range	No data available
Melting Point/Range	No data available
Boiling Point/Range	No data available
Flash Point	110 °C / 230 °F PMCC
Flammability (solid, gas)	No data available
upper flammability limit	No data available
lower flammability limit	No data available
Evaporation rate	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.08
Water Solubility	Soluble in water
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Explosive Properties	No information available
Oxidizing Properties	No information available

9.2. Other information

VOC Content (%) No data available

SECTION 10: Stability and Reactivity

10.1. Reactivity

Not expected to be reactive.

10.2. Chemical Stability

Stable

10.3. Possibility of Hazardous Reactions

Will Not Occur

10.4. Conditions to Avoid

None anticipated

10.5. Incompatible Materials

Strong oxidizers. Strong acids. Strong alkalis. Contact with copper. Prolonged contact with aluminum. Zinc. Peroxides. Cyanides.

10.6. Hazardous Decomposition Products

Carbon monoxide and carbon dioxide. Oxides of nitrogen.

SECTION 11: Toxicological Information**11.1. Information on Toxicological Effects****Acute Toxicity****Inhalation**

Fatal if inhaled. May cause respiratory irritation. May cause central nervous system depression including headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Eye Contact

Causes eye burns.

Skin Contact

Harmful if absorbed through the skin. Causes severe burns. May cause an allergic skin reaction.

Ingestion

Harmful if swallowed. Causes burns of the mouth, throat and stomach.

Chronic Effects/Carcinogenicity

Prolonged or repeated exposure may cause reproductive system damage. Prolonged or repeated exposure may cause embryo and fetus toxicity.

Toxicology data for the components

Substances	CAS Number	LD50 Oral	LD50 Dermal	LC50 Inhalation
Isophorone diamine	2855-13-2	1030 mg/kg (Rat)	> 2000 mg/kg (Rat)	1.07 - 5.01 mg/L (Rat) 4h
Diethylenetriamine	111-40-0	819 mg/kg (Rat) 1080 mg/kg (Rat) 1547 mg/kg (Rat) 1800 mg/kg (Rat) 1553 mg/kg (Rat)	672 mg/kg (Rabbit) 678 mg/kg (Rabbit) 1040 mg/kg (Rabbit) 162 mg/kg (Guinea pig)	> 0.07 < 0.3 mg/L (Rat, 4h, aerosol)
4,4'-Isopropylidenediphenol	80-05-7	3200 mg/kg (Rat) 2000 - 5000 mg/kg (Rat)	3000 mg/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 170 mg/m ³ (Rat) (Highest attainable concentration)

Substances	CAS Number	Skin corrosion/irritation
Isophorone diamine	2855-13-2	Corrosive to skin (Rabbit)
Diethylenetriamine	111-40-0	Corrosive to skin (Rabbit)
4,4'-Isopropylidenediphenol	80-05-7	Not irritating to skin in rabbits.

Substances	CAS Number	Eye damage/irritation
Isophorone diamine	2855-13-2	Corrosive to eyes (Rabbit)
Diethylenetriamine	111-40-0	Corrosive to eyes (Rabbit)
4,4'-Isopropylidenediphenol	80-05-7	Causes severe eye irritation.

Substances	CAS Number	Skin Sensitization
Isophorone diamine	2855-13-2	Skin sensitizer in guinea pig.
Diethylenetriamine	111-40-0	Skin sensitizer in guinea pig.
4,4'-Isopropylidenediphenol	80-05-7	May cause sensitization by skin contact

Substances	CAS Number	Respiratory Sensitization
Isophorone diamine	2855-13-2	No information available
Diethylenetriamine	111-40-0	No data of sufficient quality are available.
4,4'-Isopropylidenediphenol	80-05-7	No information available

Substances	CAS Number	Mutagenic Effects
Isophorone diamine	2855-13-2	In vivo tests did not show mutagenic effects. In vitro tests did not show mutagenic effects
Diethylenetriamine	111-40-0	In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects.

4,4'-Isopropylidenediphenol	80-05-7	In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects.
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Substances	CAS Number	Carcinogenic Effects
Isophorone diamine	2855-13-2	No information available.
Diethylenetriamine	111-40-0	Did not show carcinogenic effects in animal experiments
4,4'-Isopropylidenediphenol	80-05-7	Did not show carcinogenic effects in animal experiments

Substances	CAS Number	Reproductive toxicity
Isophorone diamine	2855-13-2	Did not show teratogenic effects in animal experiments.
Diethylenetriamine	111-40-0	Did not show teratogenic effects in animal experiments.
4,4'-Isopropylidenediphenol	80-05-7	Experiments have shown reproductive toxicity effects on laboratory animals

Substances	CAS Number	STOT - single exposure
Isophorone diamine	2855-13-2	May cause respiratory irritation.
Diethylenetriamine	111-40-0	May cause respiratory irritation. May cause disorder and damage to the (Liver) (Kidney) Respiratory system.
4,4'-Isopropylidenediphenol	80-05-7	May cause respiratory irritation.

Substances	CAS Number	STOT - repeated exposure
Isophorone diamine	2855-13-2	No data of sufficient quality are available.
Diethylenetriamine	111-40-0	No significant toxicity observed in animal studies at concentration requiring classification.
4,4'-Isopropylidenediphenol	80-05-7	No significant toxicity observed in animal studies at concentration requiring classification.

Substances	CAS Number	Aspiration hazard
Isophorone diamine	2855-13-2	Not applicable
Diethylenetriamine	111-40-0	No information available
4,4'-Isopropylidenediphenol	80-05-7	Not applicable

SECTION 12: Ecological Information

12.1. Toxicity Ecotoxicity Effects

Substances	CAS Number	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Invertebrates
Isophorone diamine	2855-13-2	EC50 (72h) 37 mg/L (Desmodesmus subspicatus)	LC50 (96h) 110 mg/L (Leuciscus idus)	No information available	EC50 (48h) 23 mg/L (Daphnia magna) NOEC (21d) 3 mg/L (Daphnia magna)
Diethylenetriamine	111-40-0	ErC50 (72h) 1164 mg/L (Pseudokirchnerella subcapitata)	LC50 (96h) 430 mg/L (Poecilia reticulata) NOEC (28d) > 10 mg/L (Gasterosteus aculeatus)	ErC50 (3h) 32.7 mg/L (nitrifying bacteria)	EC50 (48h) 16 mg/L (Daphnia magna) NOEC (21d) 5.6 mg/L (Daphnia magna)
4,4'-Isopropylidenediphenol	80-05-7	EC50 (96h) 1.1 mg/L (Skeletonema costatum) EC50 (96h) 2.73-3.1 mg/L (Selanastrum capricornutum)	LC50 (96h) 9.4 mg/L (Menidia menidia) LC50 (96h) 4.6 mg/L (Pimephales promelas) NOEC (116d) 0.066 mg/L NOEC (444d) 0.016 mg/L (Pimephales promelas)	IC50 (16h) 54.5 mg/L (Pseudomonas fluorescens) EC10 (18h) > 320 mg/L (Pseudomonas putida)	EC50 (48h) 10.2 mg/L (Daphnia magna) EC50 (96h) 1.1 mg/L (Americamysis Bahia) NOEC (21d) >3.16 mg/L (Daphnia magna) NOEC (328d) 0.025 mg/L (Marisa cornuarietis)

12.2. Persistence and degradability

Substances	CAS Number	Persistence and Degradability
Isophorone diamine	2855-13-2	Not readily biodegradable (8% @ 28d)
Diethylenetriamine	111-40-0	Readily biodegradable (> 96% @ 10d)
4,4'-Isopropylidenediphenol	80-05-7	Readily biodegradable (89% @ 28d)

12.3. Bioaccumulative potential

Substances	CAS Number	Log Pow
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Isophorone diamine	2855-13-2	Log Kow = 0.99 BCF = 3.16
Diethylenetriamine	111-40-0	-1.58
4,4'-Isopropylidenediphenol	80-05-7	3.4 BCF = 5.1 - 13.3

12.4. Mobility in soil

Substances	CAS Number	Mobility
Isophorone diamine	2855-13-2	No information available
Diethylenetriamine	111-40-0	KOC = 2582 - 36,658
4,4'-Isopropylidenediphenol	80-05-7	KOC = 890

12.5. Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

Substances	PBT and vPvB assessment
Isophorone diamine	Not PBT/vPvB
Diethylenetriamine	Not PBT/vPvB
4,4'-Isopropylidenediphenol	Not PBT/vPvB

12.6. Other adverse effects

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Disposal Method

Disposal should be made in accordance with federal, state, and local regulations.

Contaminated Packaging

Follow all applicable national or local regulations.

SECTION 14: Transport Information

IMDG/IMO

UN Number: UN2735
UN Proper Shipping Name: Amines, Liquid, Corrosive, N.O.S. (Contains 3-aminomethyl-3,5,5-trimethylcyclohexilamine, diethylenetriamine)
Transport Hazard Class(es): 9
Packing Group: II
Environmental Hazards: Not applicable

RID

UN Number: UN2735
UN Proper Shipping Name: Amines, Liquid, Corrosive, N.O.S. (Contains 3-aminomethyl-3,5,5-trimethylcyclohexilamine, diethylenetriamine)
Transport Hazard Class(es): 8
Packing Group: II
Environmental Hazards: Not applicable

ADR

UN Number: UN2735
UN Proper Shipping Name: Amines, Liquid, Corrosive, N.O.S. (Contains 3-aminomethyl-3,5,5-trimethylcyclohexilamine, diethylenetriamine)
Transport Hazard Class(es): 8
Packing Group: II
Environmental Hazards: Not applicable

IATA/ICAO

UN Number: UN2735
UN Proper Shipping Name: Amines, Liquid, Corrosive, N.O.S. (Contains 3-aminomethyl-3,5,5-trimethylcyclohexilamine, diethylenetriamine)
Transport Hazard Class(es): 9
Packing Group: II
Environmental Hazards: Not applicable

- 14.1. UN Number:** UN2735
- 14.2. UN Proper Shipping Name:** Amines, Liquid, Corrosive, N.O.S. (Contains 3-aminomethyl-3,5,5-trimethylcyclohexylamine, diethylenetriamine)
- 14.3. Transport Hazard Class(es):** 8
- 14.4. Packing Group:** II
- 14.5. Environmental Hazards:** Not applicable
- 14.6. Special Precautions for User:** None
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

SECTION 15: Regulatory Information

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

International Inventories

EINECS Inventory	This product, and all its components, complies with EINECS
US TSCA Inventory	All components listed on inventory or are exempt.
Canadian DSL Inventory	All components listed on inventory or are exempt.

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

Germany, Water Endangering Classes (WGK) WGK 2: Hazard to waters.

15.2. Chemical Safety Assessment

No information available

SECTION 16: Other Information

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

H302 - Harmful if swallowed
 H312 - Harmful in contact with skin
 H314 - Causes severe skin burns and eye damage
 H317 - May cause an allergic skin reaction
 H318 - Causes serious eye damage
 H330 - Fatal if inhaled
 H332 - Harmful if inhaled
 H335 - May cause respiratory irritation
 H361 - Suspected of damaging fertility or the unborn child
 H411 - Toxic to aquatic life with long lasting effects
 H412 - Harmful to aquatic life with long lasting effects

Key or legend to abbreviations and acronyms

bw – body weight
 CAS – Chemical Abstracts Service
 CLP – REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on Classification, Labelling and Packaging of substances and mixtures
 EC – European Commission
 EC10 – Effective Concentration 10%
 EC50 – Effective Concentration 50%
 EEC – European Economic Community
 ErC50 – Effective Concentration growth rate 50%
 IBC Code – International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 LC50 – Lethal Concentration 50%
 LD50 – Lethal Dose 50%
 LL0 – Lethal Loading 0%
 LL50 – Lethal Loading 50%
 MARPOL – International Convention for the Prevention of Pollution from Ships
 mg/kg – milligram/kilogram

mg/L – milligram/liter

NIOSH – National Institute for Occupational Safety and Health

NOEC – No Observed Effect Concentration

NTP – National Toxicology Program

OEL – Occupational Exposure Limit

PBT – Persistent Bioaccumulative and Toxic

PC – Chemical Product category

PEL – Permissible Exposure Limit

ppm – parts per million

PROC – Process category

REACH – REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

STEL – Short Term Exposure Limit

SU – Sector of Use category

Key literature references and sources for data

www.ChemADVISOR.com/

OSHA

ECHA C&L

Revision Date: 15-Sep-2015

Revision Note

SDS sections updated: 1

This safety data sheet complies with the requirements of Regulation (EC) No. 453/2010

Disclaimer Statement

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End of Safety Data Sheet