

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product Description: EliA anti-TSH-R Sample Diluent
Cat No. : 83-1122-01

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

Recommended Use In vitro diagnostic
Uses advised against All other uses

1.3. Details of the supplier of the safety data sheet

Company Phadia AB
Rapsgatan 7P
P.O. Box 6460
751 37 UPPSALA
Sweden
+46 18 16 50 00
E-mail address safetydatasheet.idd@thermofisher.com

1.4. Emergency telephone number

CHEMTREC Ireland (Dublin) +(353)-19014670
CHEMTREC Belgium (Brussels) +(32)-28083237
Malta 112 Emergency phone number

SECTION 2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture****GHS Classification - According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567****Physical hazards**

Based on available data, the classification criteria are not met

Health hazards

Based on available data, the classification criteria are not met

Environmental hazards

Based on available data, the classification criteria are not met

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

2.2. Label elements

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None

2.3. Other hazards

This product does not contain any known or suspected endocrine disruptors.

Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB).

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| Component | CAS No | EC No | Weight % | GHS Classification - According to GB-CLP Regulations UK SI 2019/720 and UK SI 2020/1567 |
|--|------------|-------------------|----------|---|
| Tartrazine | 1934-21-0 | EEC No. 217-699-5 | <1 | - |
| Sodium azide | 26628-22-8 | EEC No. 247-852-1 | <0.1 | Acute Tox. 2 (H300) (EUH032) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) |
| Ethylenediaminetetraacetic acid, disodium salt dihydrate | 6381-92-6 | 613-386-6 | <1 | Acute Tox. 4 (H332) STOT RE 2 (H373) |

| Component | Specific concentration limits (SCL's) | M-Factor | Component notes |
|--------------|---------------------------------------|----------|-----------------|
| Sodium azide | - | 1 | - |

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

| | |
|---|--|
| Eye Contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention. |
| Skin Contact | Wash off immediately with soap and plenty of water. Wash contaminated clothing before reuse. |
| Ingestion | Clean mouth with water and drink afterwards plenty of water. Consult a physician if necessary. |
| Inhalation | No special measures are necessary. Not an expected route of exposure. |
| Self-Protection of the First Aider | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. |

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

None reasonably foreseeable.

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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

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which must not be used for safety reasons

No information available.

5.2. Special hazards arising from the substance or mixture

None known.

Hazardous Combustion Products

None under normal use conditions.

5.3. Advice for firefighters

No information available.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective gloves/clothing and eye/face protection.

6.2. Environmental precautions

Dispose of in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Wipe up with adsorbent material (e.g. cloth, fleece). Dispose of waste product or used containers according to local regulations.

6.4. Reference to other sections

Refer to protective measures listed in Sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Wash hands before breaks and immediately after handling the product. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Keep at temperatures between 2 and 8°C.

7.3. Specific end use(s)

Observe instructions for use.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits

List source(s): **EU** - Commission Directive (EU) 2019/1831 of 24 October 2019 establishing a fifth list of indicative occupational exposure limit values pursuant to Council Directive 98/24/EC and amending Commission Directive 2000/39/EC

| Component | European Union | The United Kingdom | France | Belgium | Spain |
|--------------|--|---|--|---|---|
| Sodium azide | TWA: 0.1 mg/m ³ (8h) STEL: 0.3 mg/m ³ (15min) Skin | STEL: 0.3 mg/m ³ 15 min TWA: 0.1 mg/m ³ 8 hr Skin | TWA / VME: 0.1 mg/m ³ (8 heures). restrictive limit STEL / VLCT: 0.3 mg/m ³ . restrictive limit Peau | TWA: 0.1 mg/m ³ 8 uren Huid | STEL / VLA-EC: 0.3 mg/m ³ (15 minutos). TWA / VLA-ED: 0.1 mg/m ³ (8 horas) Piel |

| Component | Italy | Germany | Portugal | The Netherlands | Finland |
|--------------|--|--|--|---|--|
| Sodium azide | TWA: 0.1 mg/m ³ 8 ore. Time Weighted Average STEL: 0.3 mg/m ³ 15 minuti. Short-term Pelle | TWA: 0.2 mg/m ³ (8 Stunden). AGW - exposure factor 2 TWA: 0.2 mg/m ³ (8 Stunden). MAK Höhepunkt: 0.4 mg/m ³ | STEL: 0.3 mg/m ³ 15 minutos Ceiling: 0.29 mg/m ³ Ceiling: 0.11 ppm TWA: 0.1 mg/m ³ 8 horas Pele | huid STEL: 0.3 mg/m ³ 15 minuten TWA: 0.1 mg/m ³ 8 uren | TWA: 0.1 mg/m ³ 8 tunteina STEL: 0.3 mg/m ³ 15 minuutteina Iho |

| Component | Austria | Denmark | Switzerland | Poland | Norway |
|--------------|--|--|--|---|--|
| Sodium azide | Haut MAK-KZGW: 0.3 mg/m ³ 15 Minuten MAK-TMW: 0.1 mg/m ³ 8 Stunden | TWA: 0.1 mg/m ³ 8 timer STEL: 0.3 mg/m ³ 15 minutter Hud | STEL: 0.4 mg/m ³ 15 Minuten TWA: 0.2 mg/m ³ 8 Stunden | STEL: 0.3 mg/m ³ 15 minutach TWA: 0.1 mg/m ³ 8 godzinach | TWA: 0.1 mg/m ³ 8 timer STEL: 0.3 mg/m ³ 15 minutter. value from the regulation |

| Component | Bulgaria | Croatia | Ireland | Cyprus | Czech Republic |
|--------------|---|---|--|--|--|
| Sodium azide | TWA: 0.1 mg/m ³ STEL : 0.3 mg/m ³ Skin notation | kože TWA-GVI: 0.1 mg/m ³ 8 satima. STEL-KGVI: 0.3 mg/m ³ 15 minutama. | TWA: 0.1 mg/m ³ 8 hr. STEL: 0.3 mg/m ³ 15 min Skin | Skin-potential for cutaneous absorption STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³ | TWA: 0.1 mg/m ³ 8 hodinách. Potential for cutaneous absorption Ceiling: 0.3 mg/m ³ |

| Component | Estonia | Gibraltar | Greece | Hungary | Iceland |
|--------------|---|--|--|---|---|
| Sodium azide | Nahk TWA: 0.1 mg/m ³ 8 tundides. STEL: 0.3 mg/m ³ 15 minutites. | Skin notation TWA: 0.1 mg/m ³ 8 hr STEL: 0.3 mg/m ³ 15 min | STEL: 0.1 ppm STEL: 0.3 mg/m ³ TWA: 0.1 ppm TWA: 0.3 mg/m ³ | STEL: 0.3 mg/m ³ 15 percekbén. CK TWA: 0.1 mg/m ³ 8 órában. AK | STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³ 8 klukkustundum. Skin notation |

| Component | Latvia | Lithuania | Luxembourg | Malta | Romania |
|--------------|--|---|--|---|--|
| Sodium azide | skin - potential for cutaneous exposure STEL: 0.3 mg/m ³ TWA: 0.1 mg/m ³ | TWA: 0.1 mg/m ³ IPRD Oda STEL: 0.3 mg/m ³ | Possibility of significant uptake through the skin TWA: 0.1 mg/m ³ 8 Stunden STEL: 0.3 mg/m ³ 15 Minuten | possibility of significant uptake through the skin TWA: 0.1 mg/m ³ STEL: 0.3 mg/m ³ 15 minuti | Skin notation TWA: 0.1 mg/m ³ 8 ore STEL: 0.3 mg/m ³ 15 minute |

| Component | Russia | Slovak Republic | Slovenia | Sweden | Turkey |
|--------------|--------------------------|--|---|--|--|
| Tartrazine | MAC: 5 mg/m ³ | | | | |
| Sodium azide | | Ceiling: 0.3 mg/m ³ Potential for cutaneous absorption TWA: 0.1 mg/m ³ | TWA: 0.1 mg/m ³ 8 urah Koža STEL: 0.3 mg/m ³ 15 minutah | Binding STEL: 0.3 mg/m ³ 15 minuter TLV: 0.1 mg/m ³ 8 timmar. NGV | Deri TWA: 0.1 mg/m ³ 8 saat STEL: 0.3 mg/m ³ 15 dakika |

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

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Monitoring methods

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents.

Derived Minimum Effect Level (DMEL) / Derived No Effect Level (DNEL)

See table for values

| Component | Acute effects local (Oral) | Acute effects systemic (Oral) | Chronic effects local (Oral) | Chronic effects systemic (Oral) |
|--|----------------------------|-------------------------------|------------------------------|---------------------------------|
| Ethylenediaminetetraacetic acid, disodium salt dihydrate 6381-92-6 (<1) | | | | DNEL = 25 mg/kg |

| Component | Acute effects local (Dermal) | Acute effects systemic (Dermal) | Chronic effects local (Dermal) | Chronic effects systemic (Dermal) |
|-------------------------------------|------------------------------|---------------------------------|--------------------------------|-----------------------------------|
| Tartrazine 1934-21-0 (<1) | | | | DNEL = 52.82mg/kg bw/day |
| Sodium azide 26628-22-8 (<0.1) | | | | DNEL = 46.7µg/kg bw/day |

| Component | Acute effects local (Inhalation) | Acute effects systemic (Inhalation) | Chronic effects local (Inhalation) | Chronic effects systemic (Inhalation) |
|--|----------------------------------|-------------------------------------|------------------------------------|---------------------------------------|
| Tartrazine 1934-21-0 (<1) | | | | DNEL = 372.52mg/m ³ |
| Sodium azide 26628-22-8 (<0.1) | | | | DNEL = 0.164mg/m ³ |
| Ethylenediaminetetraacetic acid, disodium salt dihydrate 6381-92-6 (<1) | DNEL = 3 mg/m ³ | DNEL = 3 mg/m ³ | DNEL = 0,6 mg/m ³ | DNEL = 1,5 mg/m ³ |

Predicted No Effect Concentration (PNEC)

See values below.

| Component | Fresh water | Fresh water sediment | Water Intermittent | Microorganisms in sewage treatment | Soil (Agriculture) |
|--|-----------------|---------------------------------|--------------------|------------------------------------|-----------------------------|
| Tartrazine 1934-21-0 (<1) | PNEC = 0.12mg/L | PNEC = 0.46992mg/kg sediment dw | PNEC = 1.2mg/L | PNEC = 10mg/L | PNEC = 0.02353mg/kg soil dw |
| Sodium azide 26628-22-8 (<0.1) | PNEC = 0.35µg/L | PNEC = 16.7µg/kg sediment dw | PNEC = 3.5µg/L | PNEC = 30µg/L | |
| Ethylenediaminetetraacetic acid, disodium salt dihydrate 6381-92-6 (<1) | PNEC = 2,5 mg/l | | | | PNEC = 1,1 mg/kg |

| Component | Marine water | Marine water sediment | Marine water intermittent | Food chain | Air |
|--|------------------|----------------------------------|---------------------------|------------|-----|
| Tartrazine 1934-21-0 (<1) | PNEC = 0.012mg/L | PNEC = 0.046992mg/kg sediment dw | | | |
| Sodium azide 26628-22-8 (<0.1) | PNEC = 15ng/L | PNEC = 0.72µg/kg sediment dw | PNEC = 150ng/L | | |
| Ethylenediaminetetraacetic acid, disodium salt dihydrate 6381-92-6 (<1) | PNEC = 0,25 mg/l | | | | |

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8.2. Exposure controls

Engineering Measures

None under normal use conditions.

Personal protective equipment

Eye Protection

No special protective equipment required.

Hand Protection

Protective gloves.

| Glove material | Breakthrough time | Glove thickness | EU standard | Glove comments |
|----------------|-----------------------------------|-----------------|-------------|-----------------------|
| Nitrile rubber | See manufacturers recommendations | - | EN 374 | (minimum requirement) |

Skin and body protection

No special protective equipment required.

Respiratory Protection

No special protective equipment required.

Large scale/emergency use

No special protective equipment required

Recommended Filter type:

Small scale/Laboratory use

No personal respiratory protective equipment normally required.

Recommended half mask:-

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls

Dispose of contents/containers in accordance with local regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State

Liquid

Appearance

Clear Yellow

Odor

None

Odor Threshold

Not applicable

Melting Point/Range

0 °C

Softening Point

No data available

Boiling Point/Range

100 °C

Flammability (liquid)

No data available

Flammability (solid,gas)

Not applicable

Explosion Limits

Not applicable

Flash Point

Not applicable

Method - No information available

Autoignition Temperature

Not applicable

Decomposition Temperature

No information available

pH

7.0-7.2

Viscosity

No data available

Water Solubility

Soluble

Solubility in other solvents

No information available

Partition Coefficient (n-octanol/water)

Component

log Pow

Tartrazine

-1.572

Sodium azide

0.3

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| | | |
|----------------------------|-------------------------|-------------|
| Vapor Pressure | No data available | |
| Density / Specific Gravity | No data available | |
| Bulk Density | Not applicable | |
| Vapor Density | No data available | (Air = 1.0) |
| Particle characteristics | Not applicable (liquid) | |

9.2. Other information

| | |
|----------------------|---------------|
| Explosive Properties | Not explosive |
| Oxidizing Properties | Not oxidising |

SECTION 10: STABILITY AND REACTIVITY

| | |
|------------------|-------------|
| 10.1. Reactivity | None known. |
|------------------|-------------|

| | |
|--------------------------|---------------------------------|
| 10.2. Chemical stability | Stable under normal conditions. |
|--------------------------|---------------------------------|

10.3. Possibility of hazardous reactions

| | |
|--------------------------|--|
| Hazardous Polymerization | Hazardous polymerization does not occur. |
| Hazardous Reactions | None under normal processing. |

| | |
|---------------------------|-------------|
| 10.4. Conditions to avoid | None known. |
|---------------------------|-------------|

| | |
|------------------------------|-------------|
| 10.5. Incompatible materials | None known. |
|------------------------------|-------------|

| | |
|--|-----------------------------------|
| 10.6. Hazardous decomposition products | None under normal use conditions. |
|--|-----------------------------------|

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

| | |
|---------------------|---|
| Product Information | Product does not present an acute toxicity hazard based on known or supplied information. |
|---------------------|---|

(a) acute toxicity;

| | |
|------------|--------------------|
| Oral | No data available. |
| Dermal | No data available. |
| Inhalation | No data available. |

| Component | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|--------------|---------------------------|---------------------|-----------------|
| Tartrazine | LD50 > 2000 mg/kg (Rat) | | |
| Sodium azide | LD50 = 27 mg/kg (Rat) | 20 mg/kg (Rabbit) | 37 mg/l (Rat) |

| | |
|--------------------------------|--------------------|
| (b) skin corrosion/irritation; | No data available. |
|--------------------------------|--------------------|

| | |
|------------------------------------|--------------------|
| (c) serious eye damage/irritation; | No data available. |
|------------------------------------|--------------------|

| | |
|--|--------------------|
| (d) respiratory or skin sensitization; | |
| Respiratory | No data available. |

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Skin No data available.

(e) germ cell mutagenicity; No data available.

(f) carcinogenicity; There are no known carcinogenic chemicals in this product.

| Component | Test method | Test species / Duration | Study result |
|--------------|-------------|-------------------------|--|
| Sodium azide | | | No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. |

(g) reproductive toxicity; No data available.

(h) STOT-single exposure; No data available.

(i) STOT-repeated exposure; No data available.

(j) aspiration hazard; No data available.

| Component | Other Adverse Effects |
|--------------|--|
| Sodium azide | Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, cessation of breathing. Harmful to central nervous system and heart. Fatal if swallowed. |

Symptoms / effects, both acute and delayed No information available.

11.2. Information on other hazards

Endocrine Disrupting Properties This product does not contain any known or suspected endocrine disruptors.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity effects No information available.

| Component | Freshwater Fish | Water Flea | Freshwater Algae | Microtox |
|--------------|---|------------------------------------|-----------------------------|---|
| Sodium azide | LC50 96 h 0.7 mg/L LC50 96 h LC50 0.7 mg/l 96 H (Lepomis macrochirus) | EC50 4.2 mg/l 48 h (Daphnia pulex) | IC50 272 mg/l (green algae) | EC50 38.5 mg/l (Photobacterium phosphoreum) |

12.2. Persistence and degradability No information available.

12.3. Bioaccumulative potential No information available.

| Component | log Pow | Bioconcentration factor (BCF) |
|--------------|---------|-------------------------------|
| Tartrazine | -1.572 | |
| Sodium azide | 0.3 | |

12.4. Mobility in soil No information available.

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12.5. Results of PBT and vPvB assessment

Substance is not considered persistent, bioaccumulative and toxic (PBT) / very persistent and very bioaccumulative (vPvB).

12.6. Endocrine disrupting properties

Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

12.7. Other adverse effects

Persistent Organic Pollutant

This product does not contain any known or suspected substance.

Ozone Depletion Potential

This product does not contain any known or suspected substance.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues/Unused Products

Dispose of in accordance with local regulations.

Contaminated Packaging

Dispose of in accordance with local regulations.

European Waste Catalogue (EWC) Other Information

18 01 07 Chemicals other than those mentioned in 18 01 06.
No information available.

SECTION 14: TRANSPORT INFORMATION

IMDG/IMO

Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

ADR

Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

IATA

Not regulated

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

No hazards identified.

14.6. Special precautions for user

No special precautions required.

14.7. Maritime transport in bulk according to IMO instruments

Not applicable, packaged goods.

SECTION 15: REGULATORY INFORMATION

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

International Inventories

X = listed

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| Component | EINECS | ELINCS | NLP | TSCA | DSL | NDSL | PICCS | ENCS | IECSC | AICS | KECL |
|--|-----------|--------|-----|------|-----|------|-------|------|-------|------|----------|
| Tartrazine | 217-699-5 | - | | X | X | - | X | X | X | X | KE-06857 |
| Sodium azide | 247-852-1 | - | | X | X | - | X | X | X | X | KE-31357 |
| Ethylenediaminetetraacetic acid, disodium salt dihydrate | - | - | | - | X | - | X | X | X | X | - |

| Component | REACH (1907/2006) - Annex XIV - Substances Subject to Authorization | REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances | REACH Regulation (EC 1907/2006) article 59 - Candidate List of Substances of Very High Concern (SVHC) |
|------------|---|---|---|
| Tartrazine | | Use restricted. See entry 75. (see link for restriction details) | |

| Component | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification | Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements |
|--------------|---|--|
| Sodium azide | H2 50-200 ton, E1 100-200 ton | H2 50-200 ton, E1 100-200 ton |

Regulation (EC) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of dangerous chemicals
Not applicable

National Regulations

| Component | Germany - Water Classification (AwSV) | Germany - TA-Luft Class |
|--|---------------------------------------|-------------------------|
| Tartrazine | WGK1 | |
| Sodium azide | WGK2 | |
| Ethylenediaminetetraacetic acid, disodium salt dihydrate | WGK2 | |

UK - Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment.
Take note of Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values .

15.2. Chemical safety assessment

A Chemical Safety Assessment/Report (CSA/CSR) is not required.

SECTION 16: OTHER INFORMATION

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

H300 - Fatal if swallowed
H332 - Harmful if inhaled
H373 - May cause damage to organs through prolonged or repeated exposure if inhaled
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
EUH032 - Contact with acids liberates very toxic gas

Legend

CAS - Chemical Abstracts Service

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

PICCS - Philippines Inventory of Chemicals and Chemical Substances

IECSC - Chinese Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

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

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

ENCS - Japanese Existing and New Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

WEL - Workplace Exposure Limit

ACGIH - American Conference of Governmental Industrial Hygienists

DNEL - Derived No Effect Level

TWA - Time Weighted Average

IARC - International Agency for Research on Cancer
Predicted No Effect Concentration (PNEC)

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RPE - Respiratory Protective Equipment
LC50 - Lethal Concentration 50%
NOEC - No Observed Effect Concentration
PBT - Persistent, Bioaccumulative, Toxic

LD50 - Lethal Dose 50%
EC50 - Effective Concentration 50%
POW - Partition coefficient Octanol:Water
vPvB - very Persistent, very Bioaccumulative

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road
IMO/IMDG - International Maritime Organization/International Maritime Dangerous Goods Code
OECD - Organisation for Economic Co-operation and Development
BCF - Bioconcentration factor

ICAO/IATA - International Civil Aviation Organization/International Air Transport Association
MARPOL - International Convention for the Prevention of Pollution from Ships
ATE - Acute Toxicity Estimate
VOC (volatile organic compound)

Key literature references and sources for data

<https://echa.europa.eu/information-on-chemicals>
Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, RTECS

Training Advice

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Revision Date 06-Sep-2024
Revision Summary SDS sections updated, 3, 7.

This safety data sheet complies with Regulation UK SI 2019/758 and UK SI 2020/1577 as amended

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet