

## Lubrication Engineers NZ Ltd

Chemwatch: 5318-51

Version No: 4.2

Safety Data Sheet according to the Health and Safety at Work (Hazardous Substances) Regulations 2017

Chemwatch Hazard Alert Code: 1

Issue Date: 10/07/2024 Print Date: 29/10/2024 S.GHS.NZL.EN

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

## **Product Identifier**

| Product name                     | LE 4460 - H1 Quinplex Syn FG Gear Oil |
|----------------------------------|---------------------------------------|
| Chemical Name                    | Not Applicable                        |
| Synonyms                         | Not Available                         |
| Chemical formula                 | Not Applicable                        |
| Other means of<br>identification | Not Available                         |

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

| Relevant identified uses Lubricant. |
|-------------------------------------|
|-------------------------------------|

## Details of the manufacturer or supplier of the safety data sheet

| Registered company name | Lubrication Engineers NZ Ltd  |  |
|-------------------------|---|--|
| Address                 | 11F Piermark Drive North Harbour Industrial Estate Albany, Auckland New Zealand |  |
| Telephone               | +64 09 415 9411   |  |
| Fax                     | +64 09 4158411  |  |
| Website                 | Not Available   |  |
| Email                   | Not Available   |  |

#### **Emergency telephone number**

| Association / Organisation          | Lubrication Engineers NZ Ltd | CHEMWATCH EMERGENCY RESPONSE (24/7) |
|-------------------------------------|------------------------------|-------------------------------------|
| Emergency telephone<br>number(s)    | +64 21 3385487               | +64 800 700 112                     |
| Other emergency telephone number(s) | Not Available                | +61 3 9573 3188                     |

Once connected and if the message is not in your preferred language then please dial 01

## **SECTION 2 Hazards identification**

#### Classification of the substance or mixture

Not considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation. Not regulated for transport of Dangerous Goods.

## Chemwatch Hazard Ratings

|              |   | Min | Max |                         |
|--------------|---|-----|-----|-------------------------|
| Flammability | 1 |     | 1   |                         |
| Toxicity     | 0 |     |     |                         |
| Body Contact | 1 |     |     | 0 = Minimum<br>1 = Low  |
| Reactivity   | 1 |     |     | 2 = Moderate            |
| Chronic      | 0 |     |     | 3 = High<br>4 = Extreme |

| Classification <sup>[1]</sup> | Non hazardous   |
|-------------------------------|---|
| Legend:                       | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from Regulation (EU) No<br>1272/2008 - Annex VI |

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#### LE 4460 - H1 Quinplex Syn FG Gear Oil

| Determined by Chemwatch<br>using GHS/HSNO criteria | Not Available  |
|--|----------------|
|  |                |
| Label elements                                     |                |
| Hazard pictogram(s)                                | Not Applicable |
|  |                |
| Signal word  | Not Applicable |

## Hazard statement(s)

Not Applicable

## Precautionary statement(s) Prevention

Not Applicable

## Precautionary statement(s) Response

Not Applicable

Precautionary statement(s) Storage

Not Applicable

#### Precautionary statement(s) Disposal

Not Applicable

## **SECTION 3 Composition / information on ingredients**

#### Substances

See section below for composition of Mixtures

#### Mixtures

| CAS No        | %[weight]   | Name                                       |
|---------------|---|--|
| Not Available | 100   | Ingredients determined not to be hazardous |
| Legend:       | 1. Classified by Chemwatch; 2. Classification drawn from CCID EPA NZ; 3. Classification drawn from Regulation (EU) No<br>1272/2008 - Annex VI; 4. Classification drawn from C&L * EU IOELVs available |  |

## **SECTION 4 First aid measures**

## Description of first aid measures

| Eye Contact  | <ul> <li>If this product comes in contact with the eyes:</li> <li>Wash out immediately with fresh running water.</li> <li>Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.</li> <li>Seek medical attention without delay; if pain persists or recurs seek medical attention.</li> <li>Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.</li> </ul>                               |  |
|--------------|---|--|
| Skin Contact | <ul> <li>If skin contact occurs:</li> <li>Immediately remove all contaminated clothing, including footwear.</li> <li>Flush skin and hair with running water (and soap if available).</li> <li>Seek medical attention in event of irritation.</li> <li>If failure/misuse of high pressure/hydraulic equipment results in injection of grease/oil through the skin seek urgent medical attention. Treat as surgical emergency.</li> </ul>   |  |
| Inhalation   | <ul> <li>If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>Other measures are usually unnecessary.</li> </ul>   |  |
| Ingestion    | <ul> <li>If swallowed do NOT induce vomiting.</li> <li>If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.</li> <li>Observe the patient carefully.</li> <li>Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.</li> <li>Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.</li> <li>Seek medical advice.</li> </ul> |  |

## Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## Extinguishing media

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.
- Do not use water jets.

## Special hazards arising from the substrate or mixture

| Fire Incompatibility | <ul> <li>Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc. as ignition may<br/>result</li> </ul> |
|----------------------|--|
|                      |  |

## Advice for firefighters

| Fire Fighting         | <ul> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear full body protective clothing with breathing apparatus.</li> <li>Prevent, by any means available, spillage from entering drains or water course.</li> <li>Use water delivered as a fine spray to control fire and cool adjacent area.</li> </ul>   |
|-----------------------|---|
| Fire/Explosion Hazard | <ul> <li>Combustible.</li> <li>Slight fire hazard when exposed to heat or flame.</li> <li>Heating may cause expansion or decomposition leading to violent rupture of containers.</li> <li>On combustion, may emit toxic fumes of carbon monoxide (CO).</li> <li>Combustion products include:</li> <li>carbon dioxide (CO2)</li> <li>other pyrolysis products typical of burning organic material.</li> <li>May emit corrosive fumes.</li> </ul> |

## **SECTION 6 Accidental release measures**

## Personal precautions, protective equipment and emergency procedures

See section 8

#### **Environmental precautions**

See section 12

### Methods and material for containment and cleaning up

| Minor Spills | <ul> <li>Remove all ignition sources.</li> <li>Clean up all spills immediately.</li> <li>Avoid breathing vapours and contact with skin and eyes.</li> <li>Control personal contact with the substance, by using protective equipment.</li> <li>Slippery when spilt.</li> </ul> |
|--------------|--|
| Major Spills | <ul> <li>Moderate hazard.</li> <li>Clear area of personnel and move upwind.</li> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear breathing apparatus plus protective gloves.</li> <li>Slippery when spilt.</li> </ul>                        |

Personal Protective Equipment advice is contained in Section 8 of the SDS.

## **SECTION 7 Handling and storage**

#### Precautions for safe handling

| Safe handling     | <ul> <li>Avoid all personal contact, including inhalation.</li> <li>Wear protective clothing when risk of exposure occurs.</li> <li>Use in a well-ventilated area.</li> <li>Prevent concentration in hollows and sumps.</li> <li>DO NOT allow clothing wet with material to stay in contact with skin</li> </ul> |  |
|-------------------|--|--|
| Other information | <ul> <li>Store in original containers.</li> <li>Keep containers securely sealed.</li> <li>No smoking, naked lights or ignition sources.</li> <li>Store in a cool, dry, well-ventilated area.</li> </ul>  |  |

## Conditions for safe storage, including any incompatibilities

| Suitable container      | <ul> <li>Metal can or drum</li> <li>Packaging as recommended by manufacturer.</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul> |
|-------------------------|--|
| Storage incompatibility | <ul> <li>Avoid reaction with oxidising agents</li> <li>Avoid strong acids, bases.</li> </ul>   |



X — Must not be stored together

**0** — May be stored together with specific preventions

+ — May be stored together

Note: Depending on other risk factors, compatibility assessment based on the table above may not be relevant to storage situations, particularly where large volumes of dangerous goods are stored and handled. Reference should be made to the Safety Data Sheets for each substance or article and risks assessed accordingly.

#### **SECTION 8 Exposure controls / personal protection**

#### **Control parameters**

#### **Occupational Exposure Limits (OEL)**

## INGREDIENT DATA

| Not Available                            |               |               |
|--|---------------|---------------|
| Ingredient                               | Original IDLH | Revised IDLH  |
| LE 4460 - H1 Quinplex Syn<br>FG Gear Oil | Not Available | Not Available |

#### Exposure controls

| Appropriate engineering<br>controls  | Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.<br>The basic types of engineering controls are:<br>Process controls which involve changing the way a job activity or process is done to reduce the risk.<br>Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.   |  |  |  |
|--|---|--|--|--|
| Individual protection<br>measures, such as<br>personal protective<br>equipment |   |  |  |  |
| Eye and face protection  | Safety glasses with side shields.<br>Chemical goggles. [AS/NZS 1337.1, EN166 or national equivalent]<br>Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy<br>document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.  |  |  |  |
| Skin protection  | See Hand protection below   |  |  |  |
| Hands/feet protection  | <ul> <li>Wear chemical protective gloves, e.g. PVC.</li> <li>Wear safety footwear or safety gumboots, e.g. Rubber</li> <li>The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.</li> <li>The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when making a final choice.</li> <li>Personal hygiene is a key element of effective hand care.</li> </ul> |  |  |  |
| Body protection  | See Other protection below  |  |  |  |
| Other protection   | <ul> <li>Overalls.</li> <li>P.V.C apron.</li> <li>Barrier cream.</li> <li>Skin cleansing cream.</li> </ul>  |  |  |  |

#### **Respiratory protection**

Type A Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant. Protection Factors (defined as the ratio of contaminant outside and inside the mask) may also be important.

| Required minimum protection<br>factor | Maximum gas/vapour concentration present in air p.p.m. (by volume) | Half-face<br>Respirator | Full-Face<br>Respirator |
|---------------------------------------|--|-------------------------|-------------------------|
| up to 10                              | 1000   | A-AUS / Class1          | -                       |
| up to 50                              | 1000   | -                       | A-AUS / Class 1         |
| up to 50                              | 5000   | Airline *               | -                       |
| up to 100                             | 5000   | -                       | A-2                     |

| up to 100 | 10000 | - | A-3       |
|-----------|-------|---|-----------|
| 100+      |       |   | Airline** |

\* - Continuous Flow \*\* - Continuous-flow or positive pressure demand

A(AII classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

- + Cartridge respirators should never be used for emergency ingress or in areas of unknown vapour concentrations or oxygen content.
- The wearer must be warned to leave the contaminated area immediately on detecting any odours through the respirator. The odour may indicate that the mask is not functioning properly, that the vapour concentration is too high, or that the mask is not properly fitted. Because of these limitations, only restricted use of cartridge respirators is considered appropriate.
- Cartridge performance is affected by humidity. Cartridges should be changed after 2 hr of continuous use unless it is determined that the humidity is less than 75%, in which case, cartridges can be used for 4 hr. Used cartridges should be discarded daily, regardless of the length of time used

## **SECTION 9** Physical and chemical properties

#### Information on basic physical and chemical properties

**Appearance** Amber coloured liquid with hydrocarbon-like odour; does not mix with water.

| Physical state                                    | Liquid         | Relative density (Water =<br>1)                           | 0.858          |
|---|----------------|---|----------------|
| Odour   | Not Available  | Partition coefficient n-<br>octanol / water               | Not Available  |
| Odour threshold                                   | Not Available  | Auto-ignition temperature<br>(°C)                         | Not Available  |
| pH (as supplied)                                  | 6-8            | Decomposition<br>temperature (°C)                         | Not Available  |
| Melting point / freezing<br>point (°C)            | Not Available  | Viscosity (cSt)   | 488.2 @40C     |
| Initial boiling point and boiling range (°C)      | Not Available  | Molecular weight (g/mol)                                  | Not Applicable |
| Flash point (°C)                                  | 240            | Taste   | Not Available  |
| Evaporation rate                                  | Not Available  | Explosive properties                                      | Not Available  |
| Flammability                                      | Not Applicable | Oxidising properties                                      | Not Available  |
| Upper Explosive Limit (%)                         | Not Available  | Surface Tension (dyn/cm<br>or mN/m)                       | Not Available  |
| Lower Explosive Limit (%)                         | Not Available  | Volatile Component (%vol)                                 | Not Available  |
| Vapour pressure (kPa)                             | Not Available  | Gas group   | Not Available  |
| Solubility in water                               | Immiscible     | pH as a solution (1%)                                     | Not Applicable |
| Vapour density (Air = 1)                          | <1             | VOC g/L   | Not Available  |
| Heat of Combustion (kJ/g)                         | Not Available  | Ignition Distance (cm)                                    | Not Available  |
| Flame Height (cm)                                 | Not Available  | Flame Duration (s)  | Not Available  |
| Enclosed Space Ignition<br>Time Equivalent (s/m3) | Not Available  | Enclosed Space Ignition<br>Deflagration Density<br>(g/m3) | Not Available  |

### **SECTION 10 Stability and reactivity**

| Reactivity                         | See section 7  |
|------------------------------------|--|
| Chemical stability                 | <ul> <li>Unstable in the presence of incompatible materials.</li> <li>Product is considered stable.</li> <li>Hazardous polymerisation will not occur.</li> </ul> |
| Possibility of hazardous reactions | See section 7  |
| Conditions to avoid                | See section 7  |
| Incompatible materials             | See section 7  |
| Hazardous decomposition products   | See section 5  |

#### **SECTION 11 Toxicological information**

| Inhaled                                  | The material is not thought to produce respiratory irritation (as classified by EC Directives using animal models). Nevertheless inhalation of vapours, fumes or aerosols, especially for prolonged periods, may produce respiratory discomfort and occasionally, distress. |               |  |
|--|---|---------------|--|
| Ingestion                                | The material has <b>NOT</b> been classified by EC Directives or other classification systems as "harmful by ingestion". This is because of the lack of corroborating animal or human evidence.  |               |  |
| Skin Contact                             | The material may cause skin irritation after prolonged or repeated exposure and may produce on contact skin redness, swelling, the production of vesicles, scaling and thickening of the skin.  |               |  |
| Eye                                      | The material may be irritating to the eye, with prolonged contact causing inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.   |               |  |
| Chronic                                  | Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.                                      |               |  |
|  | ΤΟΧΙΟΙΤΥ  | IRRITATION    |  |
| LE 4460 - H1 Quinplex Syn<br>FG Gear Oil | Dermal (None) LD50: 9195 mg/kg* <sup>[2]</sup>  | Not Available |  |
| PG Gear On                               | Oral (None) LD50: 11339 mg/kg* <sup>[2]</sup>   |               |  |
| Legend:                                  | 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. Value obtained from manufacturer's SDS.<br>Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances  |               |  |

| Acute Toxicity   | × | Carcinogenicity          | ×  |
|--|---|--------------------------|--|
| Skin Irritation/Corrosion  | × | Reproductivity           | ×  |
| Serious Eye<br>Damage/Irritation   | × | STOT - Single Exposure   | ×  |
| Respiratory or Skin<br>sensitisation   | × | STOT - Repeated Exposure | ×  |
| Mutagenicity   | × | Aspiration Hazard        | ×  |
| Legend: X – Data either not available or does not fill the criteria for classification |   |                          | ailable or does not fill the criteria for classification |

Data available to make classification

## **SECTION 12 Ecological information**

## Toxicity

| LE 4460 - H1 Quinplex Syn<br>FG Gear Oil | Endpoint   | Test Duration (hr) | Species       | Value            | Source           |
|--|--|--------------------|---------------|------------------|------------------|
|  | Not<br>Available   | Not Available      | Not Available | Not<br>Available | Not<br>Available |
| Legend:                                  | Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity<br>4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) -<br>Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data |                    |               |                  |                  |

## DO NOT discharge into sewer or waterways.

## Persistence and degradability

| Ingredient | Persistence: Water/Soil               | Persistence: Air                      |
|------------|---------------------------------------|---------------------------------------|
|            | No Data available for all ingredients | No Data available for all ingredients |

## **Bioaccumulative potential**

| Ingredient | Bioaccumulation                       |
|------------|---------------------------------------|
|            | No Data available for all ingredients |
|            |                                       |

## Mobility in soil

| Ingredient | Mobility                              |
|------------|---------------------------------------|
|            | No Data available for all ingredients |

## **SECTION 13 Disposal considerations**

|                     | DO NOT allow wash water from cleaning or process equipment to enter drains.                                       |  |  |
|---------------------|---|--|--|
|                     | It may be necessary to collect all wash water for treatment before disposal.                                      |  |  |
|                     | In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first. |  |  |
| Product / Packaging | Where in doubt contact the responsible authority.   |  |  |
| disposal            | Recycle wherever possible or consult manufacturer for recycling options.  |  |  |
|                     | <ul> <li>Consult State Land Waste Authority for disposal.</li> </ul>  |  |  |
|                     | <ul> <li>Bury or incinerate residue at an approved site.</li> </ul>   |  |  |
|                     | Recycle containers if possible, or dispose of in an authorised landfill.  |  |  |
|                     |   |  |  |

Ensure that the hazardous substance is disposed in accordance with the Hazardous Substances (Disposal) Notice 2017

#### **Disposal Requirements**

Not applicable as substance/ material is non hazardous.

### **SECTION 14 Transport information**

#### Labels Required

| Marine Pollutant | NO             |
|------------------|----------------|
| HAZCHEM          | Not Applicable |

#### Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

#### Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

#### Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

## 14.7.1. Transport in bulk according to Annex II of MARPOL and the IBC code Not Applicable

#### 14.7.2. Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

| Product name | Group |
|--------------|-------|
|              |       |

## 14.7.3. Transport in bulk in accordance with the IGC Code

| Product name | Ship Type |
|--------------|-----------|
|--------------|-----------|

## **SECTION 15 Regulatory information**

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

This substance is to be managed using the conditions specified in an applicable Group Standard

| HSR Number     | Group Standard |
|----------------|----------------|
| Not Applicable | Not Applicable |

Please refer to Section 8 of the SDS for any applicable tolerable exposure limit or Section 12 for environmental exposure limit.

#### **Additional Regulatory Information**

Not Applicable

#### **Hazardous Substance Location**

Subject to the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Hazard Class   | Quantities     |
|----------------|----------------|
| Not Applicable | Not Applicable |

#### **Certified Handler**

Subject to Part 4 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Class of substance | Quantities     |
|--------------------|----------------|
| Not Applicable     | Not Applicable |

Refer Group Standards for further information

#### Maximum quantities of certain hazardous substances permitted on passenger service vehicles

Subject to Regulation 13.14 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

| Hazard Class   | Gas (aggregate water capacity in mL) | Liquid (L)        | Solid (kg)        | Maximum quantity per package for each<br>classification |
|----------------|--------------------------------------|-------------------|-------------------|---|
| Not Applicable | Not Applicable                       | Not<br>Applicable | Not<br>Applicable | Not Applicable  |

#### **Tracking Requirements**

Not Applicable

## **National Inventory Status**

| National Inventory                                 | Status   |
|--|--|
| Australia - AIIC / Australia<br>Non-Industrial Use | Not Available  |
| Canada - DSL                                       | Not Available  |
| Canada - NDSL                                      | Not Available  |
| China - IECSC                                      | Not Available  |
| Europe - EINEC / ELINCS / NLP                      | Not Available  |
| Japan - ENCS                                       | Not Available  |
| Korea - KECI                                       | Not Available  |
| New Zealand - NZIoC                                | Not Available  |
| Philippines - PICCS                                | Not Available  |
| USA - TSCA   | Not Available  |
| Taiwan - TCSI                                      | Not Available  |
| Mexico - INSQ                                      | Not Available  |
| Vietnam - NCI                                      | Not Available  |
| Russia - FBEPH                                     | Not Available  |
| Legend:  | Yes = All CAS declared ingredients are on the inventory<br>No = One or more of the CAS listed ingredients are not on the inventory. These ingredients may be exempt or will require<br>registration. |

## **SECTION 16 Other information**

| Revision Date | 10/07/2024 |
|---------------|------------|
| Initial Date  | 08/08/2018 |

#### **SDS Version Summary**

| Version | Date of<br>Update | Sections Updated   |
|---------|-------------------|--|
| 4.1     | 10/07/2024        | Expiration. Review and Update  |
| 4.2     | 21/10/2024        | Hazards identification - Classification, Identification of the substance / mixture and of the company / undertaking - Supplier Information |

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

#### **Definitions and abbreviations**

- PC TWA: Permissible Concentration-Time Weighted Average
- PC STEL: Permissible Concentration-Short Term Exposure Limit
- IARC: International Agency for Research on Cancer
- ACGIH: American Conference of Governmental Industrial Hygienists
- STEL: Short Term Exposure Limit
- TEEL: Temporary Emergency Exposure Limit.
- IDLH: Immediately Dangerous to Life or Health Concentrations
- ES: Exposure Standard

- OSF: Odour Safety Factor
- NOAEL: No Observed Adverse Effect Level
- LOAEL: Lowest Observed Adverse Effect Level
- TLV: Threshold Limit Value
- LOD: Limit Of Detection
- OTV: Odour Threshold Value
- BCF: BioConcentration Factors
- BEI: Biological Exposure Index
- DNEL: Derived No-Effect Level
- PNEC: Predicted no-effect concentration
- AIIC: Australian Inventory of Industrial Chemicals
- DSL: Domestic Substances List
- NDSL: Non-Domestic Substances List
- IECSC: Inventory of Existing Chemical Substance in China
- EINECS: European INventory of Existing Commercial chemical Substances
- ELINCS: European List of Notified Chemical Substances
- NLP: No-Longer Polymers
- ENCS: Existing and New Chemical Substances Inventory
- KECI: Korea Existing Chemicals Inventory
- NZIoC: New Zealand Inventory of Chemicals
- PICCS: Philippine Inventory of Chemicals and Chemical Substances
- TSCA: Toxic Substances Control Act
- TCSI: Taiwan Chemical Substance Inventory
- INSQ: Inventario Nacional de Sustancias Químicas
- NCI: National Chemical Inventory
- + FBEPH: Russian Register of Potentially Hazardous Chemical and Biological Substances

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