# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

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

### 1.1 Product identifier

**Product name:** Rivolta K.S.P. 305 Spray

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

**Identified uses:** Anticorrosion product

**Uses advised against:** No uses advised against identified.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer / Supplier** Bremer & Leguil GmbH
Am Burgacker 30 - 42
47051 Duisburg / Germany
info@bremer-leguil.de
Telephone: +49(0)203/9923-0

**Contact Person:** Bremer & Leguil GmbH - Product Safety Management
E-mail: product-safety@bremer-leguil.de

### 1.4 Emergency telephone number:

+49 (0)613119240 (Giftinformationszentrum Mainz 00:00-24:00)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation (EU) 1272/2008 (CLP).

**Classification according to Regulation (EC) No 1272/2008 as amended.**

**Physical Hazards**

| | | |
|---|---|---|
| Aerosol | Category 1 | H222: Extremely flammable aerosol.<br>H229: Pressurized container: May burst if heated. |

**Hazard summary**

**Physical Hazards:** Flammable aerosol.

**Health Hazards**

**Skin Contact:** At long or repeated contact with skin it may cause dermatitis due to the degreasing effect of the solvent.

### 2.2 Label Elements

**Signal Words:** Danger

**Hazard Statement(s):**
H222: Extremely flammable aerosol.
H229: Pressurized container: May burst if heated.

**Precautionary Statements**

**General information:** P102: Keep out of reach of children.

**Prevention:**
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211: Do not spray on an open flame or other ignition source.
P251: Do not pierce or burn, even after use.

**Storage:** P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F.

**Supplemental label information**
EUH066: Repeated exposure may cause skin dryness or cracking.

**2.3 Information on other hazards** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

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

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

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

**General information:** Mixture of components with propellant in aerosol can.

| Chemical name | Identifier | Concentration * | REACH Registration No. | Notes |
|---|---|---|---|---|
| Propane | EINECS: 200-827-9 | 0% - <100,00% | 01-2119486944-21 | |
| Butane (<0,1% 1,3-butadiene) | EINECS: 203-448-7 | 0% - <100,00% | 01-2119474691-32 | |
| Isobutane (<0,1% 1,3-butadiene) | EINECS: 200-857-2 | 0% - <100,00% | 01-2119485395-27 | |
| Hydrocarbons, low viscous | EC: 918-167-1 | 1,00% - <5,00% | 01-2119472146-39 | |

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

**Classification**

| Chemical name | Identifier | Classification | |
|---|---|---|---|
| Propane | EINECS: 200-827-9 | CLP: | Flam. Gas 1A;H220, Press. Gas Compr. Gas;H280 |
| Butane (<0,1% 1,3-butadiene) | EINECS: 203-448-7 | CLP: | Flam. Gas 1A;H220, Press. Gas Compr. Gas;H280 |
| Isobutane (<0,1% 1,3-butadiene) | EINECS: 200-857-2 | CLP: | Flam. Gas 1A;H220, Press. Gas Compr. Gas;H280 |
| Hydrocarbons, low viscous | EC: 918-167-1 | CLP: | Asp. Tox. 1;H304<br>EUH066 |

CLP: Regulation No. 1272/2008.

## SECTION 4: First aid measures

**General:** Instantly remove any clothing soiled by the product.

### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.

**Skin Contact:** Wash with soap and water.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** Dizziness Freeze burns

**4.3 Indication of any immediate medical attention and special treatment needed** Get medical attention if symptoms occur.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** $CO_2$, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

| | |
|---|---|
| **Unsuitable extinguishing media:** | Water with a full water jet. |
| **5.2 Special hazards arising from the substance or mixture:** | Danger of explosion with aerosol cans. |

**5.3 Advice for firefighters**

| | |
|---|---|
| **Special fire-fighting procedures:** | Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water inaccordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains. |
| **Special protective equipment for fire-fighters:** | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |

## SECTION 6: Accidental release measures

| | |
|---|---|
| **6.1 Personal precautions, protective equipment and emergency procedures:** | Keep away from sources of ignition - No smoking. |
| **6.2 Environmental Precautions:** | Avoid release to the environment. Environmental manager must be informed of all major spillages. Prevent further leakage or spillage if safe to do so. Do not allow to enter drainage system, surface or ground water. |
| **6.3 Methods and material for containment and cleaning up:** | Scrape up spillage or absorb with absorbing material. Stop the flow of material, if this is without risk. Dispose of the material collected according to regulations. |
| **6.4 Reference to other sections:** | See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal. |

## SECTION 7: Handling and storage:

| | |
|---|---|
| **7.1 Precautions for safe handling:** | Avoid contact with flame and heat source, prevent contact with direct sunlight Use only in well-ventilated areas. |
| **7.2 Conditions for safe storage, including any incompatibilities:** | Local regulations concerning handling and storage of waterpolluting products have to be followed. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Local regulations for the storage and handling of aerosol cans and flammable liquids have to be kept. Keep away from heat/sparks/hot surfaces. - No smoking. |
| **7.3 Specific end use(s):** | Not applicable |
| **Storage Class:** | 2 B, Aerosols |

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

**Occupational Exposure Limits**

| Chemical name | Type | Exposure Limit Values | Source |
|---|---|---|---|
| Propane | AGW | 1.000 ppm 1.800 mg/m3 | Germany. TRGS 900, Occupational Exposure Limits (AGW), as amended (01 2012) |
| Butane (<0,1% 1,3-butadiene) | AGW | 1.000 ppm 2.400 mg/m3 | Germany. TRGS 900, Occupational Exposure Limits (AGW), as amended (01 2012) |
| Isobutane (<0,1% 1,3-butadiene) | AGW | 1.000 ppm 2.400 mg/m3 | Germany. TRGS 900, Occupational Exposure Limits (AGW), as amended (01 2012) |
| Hydrocarbons, low viscous | AGW | 600 mg/m3 | Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG), as amended (2011) |
| Hydrocarbons, low viscous | AGW | 300 mg/m3 | Germany. TRGS 900, Occupational Exposure Limits (AGW), as amended |

### 8.2 Exposure controls

**Appropriate engineering controls:**

Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment (PPE)**

**General information:**

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to inhandling the chemicals or the mineral oil products.

**Eye/face protection:**

Avoid contact with skin and eyes. Goggles/face shield are recommended. If risk of splashing, wear safety goggles or face shield.

**Skin protection**

**Hand Protection:**

Material: Nitrile butyl rubber (NBR).
Min. Breakthrough time: >= 480 min
Recommended thickness of the material: >= 0,38 mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Other:**

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

| | |
|---|---|
| **Respiratory Protection:** | Do not breathe dust/fume/gas/mist/vapors/spray. Provide adequate ventilation. In case of inadequate ventilation wear respiratory protection. Filter AX/P2. |
| **Thermal hazards:** | Not known. |
| **Hygiene measures:** | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned. |
| **Environmental Controls:** | No data available. |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance** | |
| **Physical state:** | Aerosol |
| **Form:** | Aerosol |
| **Color:** | White |
| **Odor:** | Slight |
| **pH:** | substance/mixture is non-soluble (in water) |
| **Freezing point:** | not determined |
| **Boiling Point:** | not determined |
| **Flash Point:** | < -60 °C (DIN EN ISO 2719) |
| **Flammability (solid, gas):** | not determined |
| **Explosion Limit - Upper (%):** | Not applicable for mixtures |
| **Explosion Limit - Lower (%):** | Not applicable for mixtures |
| **Vapor pressure:** | Not applicable for mixtures |
| **Relative vapor density:** | Not applicable for mixtures |
| **Density:** | 0,82 g/cm3 (15 °C) (DIN 51757) |
| **Solubility(ies)** | |
| **Solubility in Water:** | The product is insoluble in water. |
| **Solubility (other):** | No data available. |
| **Partition coefficient (n-octanol/water):** | Not applicable for mixtures |
| **Auto-ignition temperature:** | not determined |
| **Decomposition Temperature:** | not determined |
| **Kinematic viscosity:** | > 20,5 mm2/s (40 °C, DIN 51562) |
| **Particle characteristics:** | Not applicable |

**9.2 Other information** No data available.

## SECTION 10: Stability and reactivity

| | |
|---|---|
| **10.1 Reactivity:** | Stable under normal use conditions. |
| **10.2 Chemical Stability:** | Stable under normal use conditions. |
| **10.3 Possibility of hazardous reactions:** | Stable under normal use conditions. |
| **10.4 Conditions to avoid:** | Stable under normal use conditions. |
| **10.5 Incompatible Materials:** | Strong oxidizing substances. Strong acids. Strong bases. |
| **10.6 Hazardous Decomposition Products:** | Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. |

## SECTION 11: Toxicological information

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

**Acute toxicity**

**Oral**

| | |
|---|---|
| **Product:** | Not classified for acute toxicity based on available data. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | LD 50 (Rat): > 5.001 mg/kg (OECD 401) |

**Dermal**

| | |
|---|---|
| **Product:** | Not classified for acute toxicity based on available data. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | LD 50 (Rabbit): > 5.001 mg/kg (OECD 402) |

**Inhalation**

| | |
|---|---|
| **Product:** | Not classified for acute toxicity based on available data. |
| **Specified substance(s)** | |
| Butane (<0,1% 1,3-butadiene) | LC 50 (Rat, 4 h): 658 mg/l Gas |
| Hydrocarbons, low viscous | LC 50 (Rat, 4 h): > 5 mg/l (OECD 403) Dust and mist |

**Skin Corrosion/Irritation:**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Repeated exposure may cause skin dryness or cracking. |

**Serious Eye Damage/Eye Irritation:**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Based on available data, the classification criteria are not met. |

**Respiratory or Skin Sensitization:**

| | |
|---|---|
| **Product:** | Skin sensitizer: Based on available data, the classification criteria are not met.<br>Respiratory sensitizer: Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Based on available data, the classification criteria are not met. |

**Germ Cell Mutagenicity**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **In vitro** | |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Based on available data, the classification criteria are not met. |

**In vivo**

| | |
|---|---|
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Based on available data, the classification criteria are not met. |

**Carcinogenicity**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Based on available data, the classification criteria are not met. |

**Reproductive toxicity**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**Specific Target Organ Toxicity - Single Exposure**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Based on available data, the classification criteria are not met. |

**Specific Target Organ Toxicity - Repeated Exposure**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Based on available data, the classification criteria are not met. |

**Aspiration Hazard**

| | |
|---|---|
| **Product:** | Based on available data, the classification criteria are not met. |

**Specified substance(s)**

| | |
|---|---|
| Hydrocarbons, low viscous | May be fatal if swallowed and enters airways. |

**11.2 Information on other hazards**

**Endocrine disrupting properties**

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

## SECTION 12: Ecological information

**Acute toxicity**

**Product:** Based on available data, the classification criteria are not met.

**Fish**

**Specified substance(s)**

| | |
|---|---|
| Propane | LC 50 (Fish, 96 h): > 1.000 mg/l |
| Isobutane (<0,1% 1,3-butadiene) | LC 50 (Fish, 96 h): 28 mg/l |
| Hydrocarbons, low viscous | LC 50 (Fish, 96 h): > 1.000 mg/l (OECD 203) |

**Aquatic Invertebrates**

**Specified substance(s)**

| | |
|---|---|
| Isobutane (<0,1% 1,3-butadiene) | EC 50 (Water Flea, 48 h): 16,3 mg/l |
| Hydrocarbons, low viscous | EC 50 (Water Flea, 48 h): > 1.000 mg/l (OECD 202) |

**Chronic ToxicityProduct:** Based on available data, the classification criteria are not met.

**Aquatic Invertebrates**

**Specified substance(s)**

| | |
|---|---|
| Hydrocarbons, low viscous | NOEC (Water Flea, 21 d): > 1 mg/l (OECD 211) |

**Toxicity to Aquatic Plants**

**Specified substance(s)**

| | |
|---|---|
| Hydrocarbons, low viscous | EC 50 (Alga, 72 h): > 1.000 mg/l (OECD 201) |

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** Not applicable for mixtures

| | |
|---|---|
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | 31 % (28 d, OECD 301F) Not easily biodegradable |

**12.3 Bioaccumulative potential**

| | |
|---|---|
| **Product:** | Not applicable for mixtures |
| **Specified substance(s)** | |
| Hydrocarbons, low viscous | Not applicable |

**12.4 Mobility in soil:**

| | |
|---|---|
| **Product:** | Not applicable for mixtures |

**12.5 Results of PBT and vPvB assessment:** The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Endocrine disrupting properties**

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

**12.7 Other adverse effects:** No data available.

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**General information:** Dispose in accordance with all applicable regulations.

**Disposal methods:** Do not empty into drains; dispose of this material and its container in a safe way. When storing used products, ensure that the waste categories and mixing instructions are observed.

**European Waste Codes**

16 05 04*: Gases in pressure containers (including halons) containing hazardous substances.

## SECTION 14: Transport information

**ADR/RID**

| | |
|---|---|
| 14.1 UN number or ID number: | UN 1950 |
| 14.2 UN Proper Shipping Name: | AEROSOLS |
| 14.3 Transport Hazard Class(es) | |
| Class: | 2 |
| Label(s): | 2.1 |
| Hazard No. (ADR): | – |
| Tunnel restriction code: | (D) |
| 14.4 Packing Group: | – |
| 14.5 Environmental hazards: | – |
| 14.6 Special precautions for user: | – |

**IMDG**

| | |
|---|---|
| 14.1 UN number or ID number: | UN 1950 |
| 14.2 UN Proper Shipping Name: | AEROSOLS |
| 14.3 Transport Hazard Class(es) | |
| Class: | 2.1 |
| Label(s): | 2.1 |
| EmS No.: | F-D, S-U |
| 14.3 Packing Group: | – |
| 14.5 Environmental hazards: | – |
| 14.6 Special precautions for user: | – |

**IATA**

| | |
|---|---|
| 14.1 UN number or ID number: | UN 1950 |
| 14.2 Proper Shipping Name: | Aerosols, flammable |
| 14.3 Transport Hazard Class(es): | |
| Class: | 2.1 |
| Label(s): | 2.1 |
| 14.4 Packing Group: | – |
| 14.5 Environmental hazards: | – |
| 14.6 Special precautions for user: | – |

**14.7 Maritime transport in bulk according to IMO instruments**: Not applicable.

## SECTION 15: Regulatory information

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

**EU Regulations**

**EU. Ozone Depleters, Annex I to Regulation 2024/590 on Substances that Deplete the Ozone Layer:** none

**EU. Regulation 2019/1021/EU on persistent organic pollutants (POPs) (recast), as amended:** none

**Regulation (EC) No. 649/2012 Import and export of dangerous chemicals:** none

**National Regulations**

**Water Hazard Class (WGK):** WGK 1: slightly water-endangering.

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

**DIRECTIVE 2012/18/EU (SEVESO III) on the control of major-accident hazards involving dangerous substances**

| Hazard category in accordance with Regulation (EC) No 1272/2008 | Qualifying quantity for the application of Lower-tier requirements: | Qualifying quantity for the application of Upper-tier requirements: |
|---|---|---|
| P3a: P3a. Flammable aerosols | 150 t | 500 t |

## SECTION 16: Other information

**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

| | |
|---|---|
| EUH066 | Repeated exposure may cause skin dryness or cracking. |
| H220 | Extremely flammable gas. |
| H222 | Extremely flammable aerosol. |
| H229 | Pressurized container: May burst if heated. |
| H280 | Contains gas under pressure; may explode if heated. |
| H304 | May be fatal if swallowed and enters airways. |

**Other information:** The classification complies with the current EU lists; however, it has been supplemented with expert literature information and information provided by/about our company. The following evaluation methods were used: - On the basis of test data - Calculation Method - Bridging Principle "Substantially similar mixtures" - Expert Judgement

**Revision Date:** 23.05.2025

**Disclaimer:** The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.

**Abbreviations and acronyms**

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative