SECTION 1. IDENTIFICATION

Product name          : VISIONAIRE Splendid Silver Sea
Product code          : 022686S60

Manufacturer or supplier's details
Company name of supplier : ECKART GmbH
Address                : Guentersthal 4
                        : Hartenstein  91235
Telephone              : +499152777008
Telefax                : +499152777008
Emergency telephone number
CHEMTREC: 800-424-9300
CHEMTREC: 1-703-527-3387 (International)
GBK Gefahrgut Buero GmbH, Ingelheim, Germany:
From outside US: (001) 352-323-3500
(First call in English, response in your language is possible)
US & Canada (toll free):1-800-5355-053

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with 29 CFR 1910.1200
Flammable solids       : Category 1
Combustible dust

GHS label elements
Hazard pictograms      :

Signal word            : Danger
Hazard statements      : H228 Flammable solid.
                        : May form combustible dust concentrations in air.
SAFETY DATA SHEET

VISIONAIRE Splendid Silver Sea

Precautionary statements

Prevention:
P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P280 Wear protective gloves/eye protection/face protection.

Response:
P370 + P378 In case of fire: Use for extinction: Special powder for metal fires.
P370 + P378 In case of fire: Use for extinction: Dry sand.

Other hazards
None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Concentration (% w/w)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>&gt;= 90 - &lt; 100</td>
</tr>
<tr>
<td>Silica</td>
<td>7631-86-9</td>
<td>&gt;= 5 - &lt; 10</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

General advice: Move the victim to fresh air. Move out of dangerous area.

If inhaled: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

In case of skin contact: Wash off immediately with soap and plenty of water. If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact: Flush eyes with water as a precaution. Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed:
- Keep respiratory tract clear.
- Do not give milk or alcoholic beverages.
- Never give anything by mouth to an unconscious person.
- If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed:
- None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media:
- Dry sand
- Special powder against metal fire

Unsuitable extinguishing media:
- ABC powder
- Carbon dioxide (CO2)
- Water
- Foam

Specific hazards during firefighting:
- Contact with water liberates extremely flammable gas (hydrogen).

Further information:
- Standard procedure for chemical fires.
- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters:
- Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:
- Use personal protective equipment.
- Evacuate personnel to safe areas.
- Avoid dust formation.
- Remove all sources of ignition.

Environmental precautions:
- Prevent product from entering drains.
- Prevent further leakage or spillage if safe to do so.
- If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up:
- Use mechanical handling equipment.
- Do not use a vacuum cleaner.
Do not flush with water.
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

<table>
<thead>
<tr>
<th>Advice on protection against fire and explosion</th>
<th>Advice on safe handling</th>
<th>Conditions for safe storage</th>
<th>Technical measures/Precautions</th>
<th>Materials to avoid</th>
</tr>
</thead>
</table>
| Use explosion-proof equipment.  
During processing, dust may form explosive mixture in air.  
Take measures to prevent the build up of electrostatic charge.  
When transferring from one container to another apply earthing measures and use conductive hose material. | Avoid creating dust.  
Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.  
Store away from heat. | Earthing of containers and apparatuses is essential.  
Reaction with water liberates extremely flammable gas (hydrogen)  
Use explosion-proof equipment.  
Store in original container.  
Keep containers tightly closed in a cool, well-ventilated place.  
Keep away from sources of ignition - No smoking.  
Keep container closed when not in use. | Protect from humidity and water. | Do not store together with oxidizing and self-igniting products.  
Never allow product to get in contact with water during |
storage. Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Further information on storage stability: Keep in a dry place.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

<table>
<thead>
<tr>
<th>Components</th>
<th>CAS-No.</th>
<th>Value type (Form of exposure)</th>
<th>Control parameters / Permissible concentration</th>
<th>Basis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
<td>TWA (total dust)</td>
<td>50 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable)</td>
<td>5 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (total dust)</td>
<td>15 mg/m3</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (total)</td>
<td>10 mg/m3</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (respirable fraction)</td>
<td>5 mg/m3</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (respirable fraction)</td>
<td>15 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable fraction)</td>
<td>1 mg/m3</td>
<td>ACGIH</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA</td>
<td>5 mg/m3 (Aluminium)</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Total)</td>
<td>15 mg/m3 (Aluminium)</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (Respirable fraction)</td>
<td>5 mg/m3 (Aluminium)</td>
<td>OSHA P0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA (total dust)</td>
<td>15 mg/m3 (Aluminium)</td>
<td>OSHA Z-1</td>
</tr>
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<td>TWA (respirable fraction)</td>
<td>5 mg/m3 (Aluminium)</td>
<td>OSHA Z-1</td>
</tr>
<tr>
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<td>TWA (Total dust)</td>
<td>15 mg/m3 (Aluminium)</td>
<td>OSHA P0</td>
</tr>
<tr>
<td>Substance</td>
<td>TWA (Respirable fraction)</td>
<td>5 mg/m³ (Aluminium)</td>
<td>OSHA P0</td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>--------------------------</td>
<td>---------------------</td>
<td>---------</td>
<td></td>
</tr>
<tr>
<td>TWA (welding fumes)</td>
<td>5 mg/m³ (Aluminium)</td>
<td>NIOSH REL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA (pyro powders)</td>
<td>5 mg/m³ (Aluminium)</td>
<td>NIOSH REL</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA (Respirable fraction)</td>
<td>1 mg/m³ (Aluminium)</td>
<td>ACGIH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWA (Fumes)</td>
<td>5 mg/m³</td>
<td>OSHA P0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Silica** 7631-86-9

<table>
<thead>
<tr>
<th>TWA</th>
<th>6 mg/m³</th>
<th>NIOSH REL</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA (Dust)</td>
<td>20 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>TWA (Dust)</td>
<td>80 mg/m³ / %SiO₂</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>TWA (Dust)</td>
<td>20 Million particles per cubic foot (Silica)</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>TWA (Dust)</td>
<td>80 mg/m³ / %SiO₂ (Silica)</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>TWA (Dust)</td>
<td>6 mg/m³ (Silica)</td>
<td>NIOSH REL</td>
</tr>
</tbody>
</table>

**Aluminium** 7429-90-5

<table>
<thead>
<tr>
<th>TWA (total dust)</th>
<th>50 Million particles per cubic foot</th>
<th>OSHA Z-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>TWA (Respirable)</td>
<td>5 mg/m³</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td>TWA (total dust)</td>
<td>15 mg/m³</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>TWA (total)</td>
<td>10 mg/m³</td>
<td>NIOSH REL</td>
</tr>
<tr>
<td>TWA (respirable fraction)</td>
<td>5 mg/m³</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>TWA (respirable fraction)</td>
<td>15 Million particles per cubic foot</td>
<td>OSHA Z-3</td>
</tr>
<tr>
<td>TWA (Respirable)</td>
<td>1 mg/m³</td>
<td>ACGIH</td>
</tr>
<tr>
<td>Substance</td>
<td>TWA</td>
<td>Limitation</td>
</tr>
<tr>
<td>----------------------</td>
<td>--------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA</td>
<td>5 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (Total)</td>
<td>15 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (Respirable fraction)</td>
<td>5 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (total dust)</td>
<td>15 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (respirable fraction)</td>
<td>5 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (Total dust)</td>
<td>15 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (respirable dust fraction)</td>
<td>5 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (welding fumes)</td>
<td>5 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (pyro powders)</td>
<td>5 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Aluminium</td>
<td>TWA (Respirable fraction)</td>
<td>1 mg/m³ (Aluminium)</td>
</tr>
<tr>
<td>Silica</td>
<td>TWA</td>
<td>6 mg/m³</td>
</tr>
<tr>
<td>Silica</td>
<td>TWA (Dust)</td>
<td>20 Million particles per cubic foot</td>
</tr>
<tr>
<td>Silica</td>
<td>TWA (Dust)</td>
<td>80 mg/m³ / %SiO2</td>
</tr>
<tr>
<td>Silica</td>
<td>TWA (Dust)</td>
<td>20 Million particles per cubic foot (Silica)</td>
</tr>
<tr>
<td>Silica</td>
<td>TWA (Dust)</td>
<td>80 mg/m³ / %SiO2 (Silica)</td>
</tr>
<tr>
<td>Silica</td>
<td>TWA</td>
<td>6 mg/m³ (Silica)</td>
</tr>
</tbody>
</table>

**Sources:**
- NIOSH REL
- OSHA P0
- OSHA Z-1
- OSHA Z-3
- ACGIH
**Personal protective equipment**

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory protection</td>
<td>Use suitable breathing protection if workplace concentration requires.</td>
</tr>
<tr>
<td></td>
<td>Breathing apparatus with filter.</td>
</tr>
<tr>
<td></td>
<td>P1 filter</td>
</tr>
<tr>
<td>Hand protection</td>
<td>Leather</td>
</tr>
<tr>
<td>Glove length</td>
<td>Long sleeve gloves</td>
</tr>
<tr>
<td>Remarks</td>
<td>Leather gloves The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other. The suitability for a specific workplace should be discussed with the producers of the protective gloves.</td>
</tr>
<tr>
<td>Eye protection</td>
<td>Face-shield</td>
</tr>
<tr>
<td></td>
<td>Safety glasses</td>
</tr>
<tr>
<td>Skin and body protection</td>
<td>Anti-static and fire resistant protective clothing. DIN EN 11612: EN 533; EN 1149-1. Anti-static safety shoes. Dust impervious protective suit Choose body protection according to the amount and concentration of the dangerous substance at the work place.</td>
</tr>
<tr>
<td>Hygiene measures</td>
<td>Wash hands before breaks and at the end of workday.</td>
</tr>
</tbody>
</table>

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>powder</td>
</tr>
<tr>
<td>Colour</td>
<td>coloured</td>
</tr>
<tr>
<td>Odour</td>
<td>No data available</td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>The substance or mixture is a flammable solid with the category 1.</td>
</tr>
<tr>
<td></td>
<td>combustible dust</td>
</tr>
</tbody>
</table>
Upper explosion limit / Upper flammability limit : No data available
Lower explosion limit / Lower flammability limit : No data available
Vapour pressure : No data available
Relative density : No data available
Solubility(ies)
  Water solubility : insoluble
Partition coefficient: n-octanol/water : No data available
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Viscosity : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.
Chemical stability : No decomposition if stored and applied as directed.
Possibility of hazardous reactions : Contact with acids and alkalis may release hydrogen. Stable under recommended storage conditions. Dust may form explosive mixture in air.
Conditions to avoid : Heat, flames and sparks.
Incompatible materials : Acids
                         Bases
                         Oxidizing agents
                         Water

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity
Not classified based on available information.

Components:
Silica:
Acute oral toxicity : LD50 (Rat): 5,000 mg/kg
                     (Mouse): 15,000 mg/kg
Acute inhalation toxicity : (Rat): 0.139 mg/l
                          Exposure time: 4 h
Acute dermal toxicity  :  LD50 (Rabbit): > 5,000 mg/kg

Skin corrosion/irritation  
Not classified based on available information.

Serious eye damage/eye irritation  
Not classified based on available information.

Respiratory or skin sensitisation  

Skin sensitisation  
Not classified based on available information.

Respiratory sensitisation  
Not classified based on available information.

Germ cell mutagenicity  
Not classified based on available information.

Carcinogenicity  
Not classified based on available information.

IARC  
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA  
No component of this product present at levels greater than or equal to 0.1% is on OSHA’s list of regulated carcinogens.

NTP  
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity  
Not classified based on available information.

STOT - single exposure  
Not classified based on available information.

STOT - repeated exposure  
Not classified based on available information.

Aspiration toxicity  
Not classified based on available information.
Further information

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:
Silica:
Toxicity to daphnia and other aquatic invertebrates: (Daphnia (water flea)): 7,600 mg/l
Toxicity to algae: (Chlorella pyrenoidosa (algae)): 440 mg/l

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Other adverse effects
No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods
Waste from residues: Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
In accordance with local and national regulations.

Contaminated packaging: Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.
Do not burn, or use a cutting torch on, the empty drum.
In accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR
UN/ID No.: UN 1309
Proper shipping name: Aluminium powder, coated
Class: 4.1
SAFETY DATA SHEET

VISIONAIRE Splendid Silver Sea

<table>
<thead>
<tr>
<th>Version</th>
<th>Revision Date:</th>
<th>SDS Number:</th>
<th>Date of last issue:</th>
<th>Date of first issue:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>03/21/2018</td>
<td>102000025044</td>
<td></td>
<td>03/21/2018</td>
</tr>
</tbody>
</table>

Packing group: II
Labels: Flammable Solid
Packing instruction (cargo aircraft): 448
Packing instruction (passenger aircraft): 445

IMDG-Code
UN number: UN 1309
Proper shipping name: ALUMINIUM POWDER, COATED

Class: 4.1
Packing group: II
Labels: 4.1
EmS Code: F-G, S-G
Marine pollutant: no
Remarks: IMDG Code segregation group 15 - Powdered metals
Remarks: Not classified as dangerous in the meaning of transport regulations.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable for product as supplied.

National Regulations

49 CFR
UN/ID/NA number: UN 1309
Proper shipping name: Aluminum powder, coated

Class: 4.1
Packing group: II
Labels: FLAMMABLE SOLID
ERG Code: 170
Marine pollutant: no

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act
CERCLA Reportable Quantity
This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity
This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity
This material does not contain any components with a section 302 EHS TPQ.
SAFETY DATA SHEET
VISIONAIRE Splendid Silver Sea

Version 1.0
Revision Date: 03/21/2018
SDS Number: 102000025044
Date of last issue: -
Date of first issue: 03/21/2018

SARA 311/312 Hazards:
- Flammable (gases, aerosols, liquids, or solids)
- Combustible dust

SARA 313:
The following components are subject to reporting levels established by SARA Title III, Section 313:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum</td>
<td>7429-90-5</td>
</tr>
</tbody>
</table>

Clean Air Act
This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).
This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. CleanWater Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. CleanWater Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

US State Regulations
Massachusetts Right To Know
- Aluminum 7429-90-5
- Silica 7631-86-9

Pennsylvania Right To Know
- Aluminum 7429-90-5
- Silica 7631-86-9

California Prop. 65
WARNING: This product can expose you to chemicals including lead and cadmium, which is/are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

California List of Hazardous Substances
- Aluminum 7429-90-5
Silica 7631-86-9

California Permissible Exposure Limits for Chemical Contaminants
Aluminum 7429-90-5
Silica 7631-86-9

The components of this product are reported in the following inventories:

   DSL: All components of this product are on the Canadian DSL
   TSCA: On TSCA Inventory

TSCA list
No substances are subject to a Significant New Use Rule.
No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations
ACGIH : USA. ACGIH Threshold Limit Values (TLV)
NIOSH REL : USA. NIOSH Recommended Exposure Limits
OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
OSHA Z-1 : USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3 : USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA : 8-hour, time-weighted average
NIOSH REL / TWA : Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek
OSHA P0 / TWA : 8-hour time weighted average
OSHA Z-1 / TWA : 8-hour time weighted average
OSHA Z-3 / TWA : 8-hour time weighted average
AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DOT - Department of Transportation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; EHS - Extremely Hazardous Substance; 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; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; HMIS - Hazardous Materials Identification System; 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; MSHA - Mine Safety and Health Administration; n.o.s. - Not Otherwise Specified; NFPA - National Fire Protection Association; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NTP - National Toxicology Program; 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; RCRA - Resource Conservation and Recovery Act; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RQ - Reportable Quantity; SADT - Self-Accelerating Decomposition Temperature; SARA - Superfund Amendments and Reauthorization Act; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

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