

**Safety data sheet**  
**according to 1907/2006/EC, Article 31**

Printing date 01.05.2023

Version number: 1.00





Revision: 11.11.2022

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

- **1.1 Product identifier** For Industrial and professional use only.
- **Trade name:** Aerosol C71 Speedline Colours
- **1.2 Relevant identified uses of the substance or mixture and uses advised against** Surface Coating
- **Application of the substance / the mixture**  
Surface Coating  
Surface Coating  
Synthetic Topcoat
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier:**  
HMG PAINTS LIMITED  
Riverside Works,  
Collyhurst Road,  
Collyhurst,  
Manchester,  
M40 7RU  
UNITED KINGDOM  
TEL: +44 (0)161 205 7631  
EMAIL: sales@hmgpaint.com
- **Further information obtainable from:** sales@hmgpaint.com
- **1.4 Emergency telephone number:** +44 (0)161 205 7631 (business hours)

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  

Aerosol 1	H222-H229	Extremely flammable aerosol. Pressurised container: May burst if heated.
STOT SE 3	H336	May cause drowsiness or dizziness.
STOT RE 1	H372	Causes damage to organs through prolonged or repeated exposure.
Aquatic Chronic 2	H411	Toxic to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms**  



  
GHS02   GHS07   GHS08   GHS09
- **Signal word** Danger
- **Hazard-determining components of labelling:**  
Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)
- **Hazard statements**  
H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
H336 May cause drowsiness or dizziness.  
H372 Causes damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.

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**· Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P251 Do not pierce or burn, even after use.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P405 Store locked up.
- P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**· Additional information:**

- EUH208 Contains cobalt bis(2-ethylhexanoate), 4-isopropenyl-1-methylcyclohexane. May produce an allergic reaction.
- Buildup of explosive mixtures possible without sufficient ventilation.

**· 2.3 Other hazards****· Results of PBT and vPvB assessment****· PBT:** Not applicable.**· vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

**· 3.2 Chemical characterisation: Mixtures****· Description:** Mixture of substances listed below with nonhazardous additions.**· Dangerous components:**

CAS: 115-10-6 EINECS: 204-065-8 Reg.nr.: 01-2119472128-37	dimethyl ether Flam. Gas 1A, H220; Press. Gas (Comp.), H280	>50-≤100%
EC number: 919-446-0 Reg.nr.: 01-2119458049-33-xxxx	Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%) Flam. Liq. 3, H226; STOT RE 1, H372; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H336	>10-≤25%
EC number: 919-857-5 Reg.nr.: 01-2119463258-33-xxxx	Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; STOT SE 3, H336	>2.5-≤10%
EC number: 918-668-5 Reg.nr.: 01-2119455851-35-xxxx	Solvent naphtha (petroleum), light aromatic Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336	>1-≤2.5%
CAS: 138-86-3 EINECS: 205-341-0 Reg.nr.: 01-2120766421-57-0000	4-isopropenyl-1-methylcyclohexane Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Skin Sens. 1, H317	≤1%

**· Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**· 4.1 Description of first aid measures****· After inhalation:** Supply fresh air; consult doctor in case of complaints.**· After skin contact:**

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing.

**· After eye contact:** Rinse opened eye for several minutes under running water.**· After swallowing:**

Do not induce vomiting; call for medical help immediately and show safety datasheet or label.

**· 4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**· 4.3 Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

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### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture**  
During heating or in case of fire poisonous gases are produced.
- **5.3 Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Mount respiratory protective device.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/extraction at the workplace.  
Hygiene measures:  
Wash hands before breaks and at the end of workday.
- **Information about fire - and explosion protection:**  
Do not spray onto a naked flame or any incandescent material.  
Keep ignition sources away - Do not smoke.  
Keep respiratory protective device available.  
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Observe official regulations on storing packagings with pressurised containers.  
Materials such as cleaning rags, paper wipes and protective clothing, which are contaminated with the product may spontaneously self-ignite some hours later. To avoid the risk of fires, all contaminated materials should be [stored in purpose-built containers or in metal containers with tight-fitting self-closing lids.] or [laid out flat in a single layer to dry] or [placed in a metal container soaked with water] or [washed out well with warm soapy water before disposal.] Contaminated materials should be removed from the workplace at the end of each working day and stored outside.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed and in a well-ventilated place.  
Keep away from heat.

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· 7.3 Specific end use(s) No further relevant information available.

## SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· Additional information about design of technical facilities: No further data; see item 7.

· Ingredients with limit values that require monitoring at the workplace:

### 115-10-6 dimethyl ether

WEL	Short-term value: 958 mg/m <sup>3</sup> , 500 ppm
	Long-term value: 766 mg/m <sup>3</sup> , 400 ppm

**Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics,  
<2% aromatics**

OEL	Short-term value: 1200 mg/m <sup>3</sup>
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**Solvent naphtha (petroleum), light aromatic**

OEL	Long-term value: 100 mg/m <sup>3</sup>
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· DNELs

### 115-10-6 dimethyl ether

Inhalative	DNEL	471 mg/m <sup>3</sup> (Con)
		1,894 mg/m <sup>3</sup> (Ind)

**Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

Oral	DNEL	26 mg/day (Con)
Dermal	DNEL	26 mg/day (Con)
		44 mg/day (Ind)
Inhalative	DNEL	71 mg/m <sup>3</sup> (Con)
		330 mg/m <sup>3</sup> (Ind)

**Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics,  
<2% aromatics**

Oral	DNEL	125 mg/day (Con)
Dermal	DNEL	125 mg/day (Con)
		208 mg/day (Ind)
Inhalative	DNEL	185 mg/m <sup>3</sup> (Con)
		871 mg/m <sup>3</sup> (Ind)

**Solvent naphtha (petroleum), light aromatic**

Oral	DNEL	11 mg/day (Con)
Dermal	DNEL	11 mg/day (Con)
		25 mg/day (Ind)
Inhalative	DNEL	32 mg/m <sup>3</sup> (Con)
		150 mg/m <sup>3</sup> (Ind)

### 138-86-3 4-isopropenyl-1-methylcyclohexane

Oral	DNEL	4.76 mg/day (Con)
Dermal	DNEL	111 mg/day (Con)
		222 mg/day (Ind)
Inhalative	DNEL	8.33 mg/m <sup>3</sup> (Con)
		33.3 mg/m <sup>3</sup> (Ind)

· PNECs

CAS No. 1330-20-7 Xylene mixed isomers

- Fresh water; 0.327 mg/l

- Marine water; 0.327 mg/l

- Intermittent release; 0.327 mg/l

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- STP; 6.58 mg/l
- Sediment (Freshwater); 12.46 mg/kg
- Sediment (Marinewater); 12.46 mg/kg
- Soil; 2.31 mg/kg
- **Additional information:** The lists valid during the making were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.
- **Respiratory protection:** When spraying the product, use a respiratory protective device.
- **Protection of hands:**  
When skin exposure may occur, advice should be sought from the glove supplier on appropriate types and usage times for this product.



Protective gloves

- **Eye protection:**  
Safety glasses



Tightly sealed goggles

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
  - Form:** Aerosol
  - Colour:** According to product specification
- **Odour:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.
- **Change in condition**
  - Melting point/freezing point:** Undetermined.
  - Initial boiling point and boiling range:** -24.9 °C
- **Flash point:** -42 °C
- **Flammability (solid, gas):** Not applicable.
- **Ignition temperature:** 226 °C
- **Decomposition temperature:** Not determined.
- **Auto-ignition temperature:** Product is not selfigniting.
- **Explosive properties:** Heating may cause an explosion.
- **Explosion limits:**
  - Lower:** 0.6 Vol %
  - Upper:** 27 Vol %
- **Vapour pressure at 20 °C:** 5,333 hPa
- **Density at 20 °C:** 0.749 g/cm<sup>3</sup>

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· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with water:</b>	NOT MISCIBLE
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	82.7 %
<b>Water:</b>	0.0 %
<b>Solids content:</b>	17.3 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
No dangerous decomposition products when stored and handled correctly

### SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

**115-10-6 dimethyl ether**

Inhalative	LC50/4 h	248.49 mg/l (rat)
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**Hydrocarbons, C9-12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)**

Oral	LD50	>15,000 mg/kg (Rat)
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Dermal	LD50	>3,400 mg/kg (Rab)
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Inhalative	LC50/4 h	13.1 mg/l (Rat)
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**Hydrocarbons, C9 - C11, n-alkanes, isoalkanes, cyclics, <2% aromatics**

Oral	LD50	>5,000 mg/kg (Rat)
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Dermal	LD50	>5,000 mg/kg (Rat)
--------	------	--------------------

**Solvent naphtha (petroleum), light aromatic**

Oral	LD50	3,492 mg/kg (rat)
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Dermal	LD50	3,160 mg/kg (Rab)
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Inhalative	LC50/4 h	>6.193 mg/l (rat)
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**138-86-3 4-isopropenyl-1-methylcyclohexane**

Oral	LD50	>2,000 mg/kg (Rat)
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Dermal	LD50	>5,000 mg/kg (Rab)
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- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
May cause drowsiness or dizziness.
- **STOT-repeated exposure**  
Causes damage to organs through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**  
Acute Fish toxicity  
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)  
LC50 9.22 mg/l  
Species: *Oncorhynchus mykiss* (rainbow trout)  
Exposure duration: 96 h  
  
Acute toxicity for daphnia  
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)  
EC50 6.14 mg/l  
Species: *Daphnia magna* (Water flea)  
Exposure duration: 48 h  
  
Acute toxicity for algae  
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)  
ErC50 2.9 mg/l  
Species: *Pseudokirchneriella subcapitata* (green algae)  
Exposure duration: 72 h  
  
Acute bacterial toxicity  
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)  
EC50 1 - 10 mg/l  
  
Ecotoxicology Assessment  
Solvent naphtha (petroleum), light arom. (content of benzene less than 0,1 %)  
Chronic aquatic toxicity: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Data based on the safety data sheet (SDS) by the supplier.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxical effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:**  
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.  
Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms

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- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |   |
|---|---|
| · <b>14.1 UN-Number</b>   | UN1950  |
| · <b>ADR, IMDG, IATA</b>  |   |
| · <b>14.2 UN proper shipping name</b>   | 1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS  |
| · <b>ADR</b>  | AEROSOLS, MARINE POLLUTANT  |
| · <b>IMDG</b>   | AEROSOLS, flammable   |
| · <b>IATA</b>   |   |
| · <b>14.3 Transport hazard class(es)</b>  |   |
| · <b>ADR</b>  |   |
|  |  |
| · <b>Class</b>  | 2 5F Gases.   |
| · <b>Label</b>  | 2.1   |
| · <b>IMDG</b>   |   |
|  |  |
| · <b>Class</b>  | 2.1 Gases.  |
| · <b>Label</b>  | 2.1   |
| · <b>IATA</b>   |   |
|  |   |
| · <b>Class</b>  | 2.1 Gases.  |
| · <b>Label</b>  | 2.1   |
| · <b>14.4 Packing group</b>   |   |
| · <b>ADR, IMDG, IATA</b>  | Void  |
| · <b>14.5 Environmental hazards:</b>  |   |
| · <b>Marine pollutant:</b>  | no  |
|   | Symbol (fish and tree)  |
| · <b>Special marking (ADR):</b>   | Symbol (fish and tree)  |
| · <b>14.6 Special precautions for user</b>  | Warning: Gases.   |

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· <b>Hazard identification number (Kemler code):</b>	-
· <b>EMS Number:</b>	F-D,S-U
· <b>Stowage Code</b>	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
· <b>Segregation Code</b>	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	120 ml
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>Transport category</b>	1
· <b>Tunnel restriction code</b>	D
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Seveso category**  
P3a FLAMMABLE AEROSOLS  
E2 Hazardous to the Aquatic Environment
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t
- **National regulations:**
- **Technical instructions (air):**

Class	Share in %
NK	82.7
- **Waterhazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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

H220 Extremely flammable gas.  
 H226 Flammable liquid and vapour.  
 H280 Contains gas under pressure; may explode if heated.  
 H304 May be fatal if swallowed and enters airways.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H372 Causes damage to organs through prolonged or repeated exposure.  
 H400 Very toxic to aquatic life.  
 H410 Very toxic to aquatic life with long lasting effects.  
 H411 Toxic to aquatic life with long lasting effects.

· **Department issuing SDS:** Product safety department: LABORATORY

· **Contact:** Health & Safety Officer

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
 ICAO: International Civil Aviation Organisation  
 ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
 IMDG: International Maritime Code for Dangerous Goods  
 IATA: International Air Transport Association  
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 DNEL: Derived No-Effect Level (UK REACH)  
 PNEC: Predicted No-Effect Concentration (UK REACH)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Gas 1A: Flammable gases – Category 1A  
 Aerosol 1: Aerosols – Category 1  
 Press. Gas (Comp.): Gases under pressure – Compressed gas  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Skin Sens. 1: Skin sensitisation – Category 1  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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