

***SAFETY DATA SHEET***  
***according to 1907/2006/EC, Article 31***

Revision date: 30.03.2022

**1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

**Product details**

**Trade name:** Spray Paint

**Article number:** 26204, 26205, 26206, 26214, 26414

**Relevant identified uses of the substance or mixture and uses advised against:**

No further relevant information available.

**Sector of Use:**

SU21 Consumer uses: Private households / general public / consumers

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

**Product category:** Paint remover

**Process category:**

PROC7 Industrial spraying

PROC11 Non industrial spraying

**Intended use:** Car refinishing Product/ Paint

**Manufacturer/Supplier:** Chamäleon GmbH

Rudolf-Diesel-Straße, 8a, 69115 Heidelberg -- Germany

**Further information obtainable from:** Product Safety Department

**Information in case of emergency:** + 49 70024112112 (CH)

**2 – HAZARDS IDENTIFICATION**

**Classification of the substance or mixture**

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



flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

**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

**Signal word** Danger

**Hazard-determining components of labelling:**

acetone  
n-butyl acetate  
2-methoxy-1-methylethyl acetate  
butan-1-ol

**Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.  
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.  
P260 Do not breathe spray.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents / container in accordance with regional regulations.

**Additional information:**

EUH066 Repeated exposure may cause skin dryness or cracking.  
Buildup of explosive mixtures possible without sufficient ventilation.  
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

**Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.  
**vPvB:** Not applicable.

**3- COMPOSITION/INFORMATION ON INGREDIENTS**

**Mixtures**

**Description:** Mixture of substances listed below with nonhazardous additions.

<b>Dangerous components:</b>		
CAS: 67-64-1 EINECS: 200-662-2 Index number: 606-001-00-8 Reg.nr.: 01-2119471330-49	acetone	25-<50%
	Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336 EUH066	
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate	10-<12.5%
	Flam. Liq. 3, H226 STOT SE 3, H336, EUH066	
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.nr.: 01-2119486944-21	propane	10-<12.5%
	Flam. Gas 1A, H220 Press. Gas (Comp.), H280	
CAS: 106-97-8 EINECS: 203-448-7 Index number: 601-004-00-0 Reg.nr.: 01-2119474691-32	butane (containing < 0,1 % butadiene (203-450-8))	5-<10%
	Flam. Gas 1A, H220 Press. Gas (Comp.), H280	
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7 Reg.nr.: 01-2119475791-29	2-methoxy-1-methylethyl acetate	5-<10%
	Flam. Liq. 3, H226 STOT SE 3, H336	
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.nr.: 01-2119485395-27	isobutane (containing < 0,1 % butadiene (203-450-8))	5-<10%
	Flam. Gas 1A, H220 Press. Gas (Comp.), H280	
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17	titanium dioxide	2.5-<5%
	Carc. 2, H351	
CAS: 9004-70-0	cellulose nitrate	<2.5%
	Expl. 1.1, H201	
CAS: 71-36-3	butan-1-ol	<2.5%

<p>EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38</p>	<p>Flam. Liq. 3, H226 Eye Dam. 1, H318 Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336</p>	
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**Additional information:**

CAS 9004-70-0: GB CLP Note T

For the wording of the listed hazard phrases refer to section 16.

**4- FIRST - AID MEASURE**

**Description of first aid measures**

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Drink plenty of water and provide fresh air. Call for a doctor immediately.

**Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

No further relevant information available.

**5- FIRE - FIGHTING MEASURE**

**Extinguishing media**

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

**Advice for firefighters -**

**Protective equipment:** Mouth respiratory protective device.

**6- ACCIDENTAL RELEASE MEASURE**

**Personal precautions, protective equipment and emergency procedures**

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

Keep away from ignition sources.

- Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**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.

**7- HANDLING AND STORAGE**

**Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.

**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.

**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.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Keep container tightly sealed.

**Storage class:** 2 B

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

**8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Control parameters**

<b>Ingredients with limit values that require monitoring at the workplace:</b>	
67-64-1 acetone	
WEL	Short-term value: 3620 mg/m <sup>3</sup> , 1500 ppm Long-term value: 1210 mg/m <sup>3</sup> , 500 ppm
123-86-4 n-butyl acetate	
WEL	Short-term value: 966 mg/m <sup>3</sup> , 200 ppm Long-term value: 724 mg/m <sup>3</sup> , 150 ppm
106-97-8 butane (containing < 0,1 % butadiene (203-450-8))	

WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)	
108-65-6 2-methoxy-1-methylethyl acetate		
WEL	Short-term value: 548 mg/m <sup>3</sup> , 100 ppm Long-term value: 274 mg/m <sup>3</sup> , 50 ppm Sk	
13463-67-7 titanium dioxide		
WEL	Long-term value: 10* 4** mg/m <sup>3</sup> *total inhalable **respirable	
71-36-3 butan-1-ol		
WEL	Short-term value: 154 mg/m <sup>3</sup> , 50 ppm Sk	
<b>DNELs</b>		
67-64-1 acetone		
Oral	DNEL	62 mg/kg /per day (Consumer, longterm systemic)
Dermal	DNEL	62 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	186 mg/kg /per day (Worker, longterm systemic)
	DNEL	2420 mg/m <sup>3</sup> (Worker, acute local)
	DNEL	1210 mg/m <sup>3</sup> (Worker, longterm systemic)
	DNEL	200 mg/m <sup>3</sup> (Consumer, longterm systemic)
	DNEL	60 mg/m <sup>3</sup>
123-86-4 n-butyl acetate		
Oral	DNEL	2 mg/kg /per day (Consumer, longterm systemic)
	DNEL	2 mg/kg /per day (Consumer, acute systemic)
Dermal	DNEL	11 mg/kg /per day (Worker, longterm systemic)
	DNEL	11 mg/kg /per day (Worker, acute systemic)
Inhalative	DNEL	6 mg/kg /per day (Consumer, longterm systemic)
	DNEL	6 mg/kg /per day (Consumer, acute systemic)
	DNEL	300 mg/m <sup>3</sup> (Worker, longterm systemic)
	DNEL	600 mg/m <sup>3</sup> (Worker, acute systemic)
	DNEL	300 mg/m <sup>3</sup> (Worker, longterm local)
	DNEL	600 mg/m <sup>3</sup> (Worker, acute local)
	DNEL	35.7 mg/m <sup>3</sup> (Consumer, longterm systemic)
	DNEL	300 mg/m <sup>3</sup> (Consumer; acute systemic)
	DNEL	35.7 mg/m <sup>3</sup> (Consumer, longterm local)
108-65-6 2-methoxy-1-methylethyl acetate		

Dermal	DNEL	796 mg/kg /per day (Worker, longterm systemic)
Inhalative	DNEL	320 mg/kg /per day (Consumer, longterm systemic)
	DNEL	275 mg/m3 (Worker, longterm systemic)
	DNEL	33 mg/m3 (Consumer, longterm systemic)
	DNEL	
71-36-3 butan-1-ol		
Oral	DNEL	3.125 mg/kg /per day (Consumer, longterm systemic)
Inhalative	DNEL	310 mg/m3 (Worker, longterm local)
	DNEL	55 mg/m3 (Consumer, longterm local)
	DNEL	
<b>PNECs</b>		
67-64-1 acetone		
PNEC		10.6 mg/l (Freshwater)
PNEC		1.06 mg/l (Seawater)
PNEC		21 mg/l (Sporadic release)
PNEC		100 mg/l (Sewage treatment plant)
PNEC		30.4 mg/kg (Freshwater sediment)
PNEC		3.04 mg/kg (Seawater sediment)
PNEC		29.5 mg/kg (Soil)
123-86-4 n-butyl acetate		
PNEC		0.18 mg/l (Freshwater)
PNEC		0.018 mg/l (Seawater)
PNEC		0.36 mg/l (Sporadic release)
PNEC		35.6 mg/l (Sewage treatment plant)
PNEC		0.981 mg/kg (Freshwater sediment)
PNEC		0.0981 mg/kg (Seawater sediment)
PNEC		0.0903 mg/kg (Soil)
108-65-6 2-methoxy-1-methylethyl acetate		
PNEC		0.635 mg/l (Freshwater)
PNEC		0.064 mg/l (Seawater)
PNEC		100 mg/l (Sewage treatment plant)
PNEC		3.29 mg/kg (Freshwater sediment)
PNEC		0.329 mg/kg (Seawater sediment)
PNEC		0.29 mg/kg (Soil)
71-36-3 butan-1-ol		
PNEC		0.082 mg/l (Freshwater)
PNEC		0.0082 mg/l (Seawater)
PNEC		2.25 mg/l (Sporadic release)
PNEC		2476 mg/l (Sewage treatment plant)
PNEC		0.178 mg/kg (Freshwater sediment)
PNEC		0.0178 mg/kg (Seawater sediment)
PNEC		0.015 mg/kg (Soil)

**Additional information:** The lists valid during the making were used as basis.

■ **Exposure controls**

**Appropriate engineering controls** No further data; see item 7.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes and skin.

Avoid contact with the eyes.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Filter A2/P3

**Protection of hands:** Protective gloves

**Material of gloves**

Butyl rubber, BR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

**Penetration time of glove material:**

Butyl rubber gloves with a thickness of 0.4 mm are resistant to:

Acetone: 480 min

Butyl acetate: 60 min

Ethyl acetate: 170 min

Xylene: 42 min

Butyl rubber gloves with a thickness of 0.4 mm are solvent resistant for 42- 480 minutes. As protective measure, we recommend that users and responsible persons for work safety assume solvent resistance length of 42 minutes. Considering the data in section 3 of this SDS, one can assume longer resistance length in particular cases.

**Eye/face protection:** Tightly sealed goggles

**9 – PHYSICAL AND CHEMICAL PROPERTIES**

<b>Information on basic physical and chemical properties</b>	
<b>General Information</b>	
<b>Appearance:</b>	
<b>Form:</b>	<i>Aerosol</i>
<b>Colour:</b>	<i>Different according to colouring</i>
<b>Odour:</b>	<i>Solvent-like</i>
<b>Odour threshold:</b>	<i>Not determined.</i>

<b>Melting point/freezing point:</b>	<i>Undetermined.</i>
<b>Boiling point or initial boiling point and boiling range</b>	<i>Not applicable, as aerosol.</i>
<b>Flammability</b>	<i>Not applicable.</i>
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	<i>1.2 Vol % (123-86-4 n-butyl acetate)</i>
<b>Upper:</b>	<i>13 Vol % (67-64-1 acetone)</i>
<b>Flash point:</b>	<i>Not applicable, as aerosol.</i>
<b>Ignition temperature:</b>	<i>333 °C (631.4 °F) (108-65-6 2-methoxy-1-methylethyl acetate)</i>
<b>Decomposition temperature:</b>	<i>Not determined.</i>
<b>pH</b>	<i>Not determined.</i>
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	<i>Not determined.</i>
<b>Dynamic:</b>	<i>Not determined.</i>
<b>Solubility</b>	
<b>water:</b>	<i>Not miscible or difficult to mix.</i>
<b>Partition coefficient n-octanol/water (log value)</b>	<i>Not determined.</i>
<b>Vapour pressure at 20 °C (68 °F):</b>	<i>3500 hPa (2625.2 mm Hg)</i>
<b>Density and/or relative density</b>	
<b>Density at 20 °C (68 °F):</b>	<i>0.7 g/cm<sup>3</sup> (5.8 lbs/gal)</i>
<b>Relative density</b>	<i>Not determined.</i>
<b>Vapour density</b>	<i>Not determined.</i>

<b>Other information</b>	
<b>Appearance:</b>	
<b>Form:</b>	<i>Aerosol</i>
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Explosive properties:</b>	<i>Not determined.</i>
<b>Solvent content:</b>	
<b>Organic solvents:</b>	<i>87.6 %</i>
<b>Water:</b>	<i>0.2 %</i>
<b>VOC (EC) ---</b>	<i>645.3 g/l</i>
<b>VOC-EU%</b>	<i>87.63 %</i>
<b>Solids content:</b>	<i>11.6 %</i>
<b>Change in condition</b>	
<b>Evaporation rate</b>	<i>Not applicable.</i>

<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	<i>Void</i>
<b>Flammable gases</b>	<i>Void</i>

<b>Aerosols</b>	<i>Extremely flammable aerosol. Pressurised container: May burst if heated.</i>
<b>Oxidising gases</b>	<i>Void</i>
<b>Gases under pressure</b>	<i>Void</i>
<b>Flammable liquids</b>	<i>Void</i>
<b>Flammable solids</b>	<i>Void</i>
<b>Self-reactive substances and mixtures</b>	<i>Void</i>
<b>Pyrophoric liquids</b>	<i>Void</i>
<b>Pyrophoric solids</b>	<i>Void</i>
<b>Self-heating substances and mixtures</b>	<i>Void</i>
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	<i>Void</i>
<b>Oxidising liquids</b>	<i>Void</i>
<b>Oxidising solids</b>	<i>Void</i>
<b>Organic peroxides</b>	<i>Void</i>
<b>Corrosive to metals</b>	<i>Void</i>
<b>Desensitised explosives</b>	<i>Void</i>

## 10- STABILITY AND REACTIVITY

**Reactivity** No further relevant information available.

**Chemical stability**

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Possibility of hazardous reactions** No dangerous reactions known.

**Conditions to avoid** No further relevant information available.

**Incompatible materials:** No further relevant information available.

**Hazardous decomposition products:** No dangerous decomposition products known.

## 11- TOXICOLOGICAL INFORMATION

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

**Acute toxicity**

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

67-64-1 acetone

Oral	LD50	5800 mg/kg (rat)
Dermal	LD50	>15800 mg/kg (rabbit)
Inhalative	LC50 / 4h	76 mg/l (rat)
123-86-4 n-butyl acetate		
Oral	LD50	10800 mg/kg (rat) (OECD 401)
Dermal	LD50	>17600 mg/kg (rabbit)
Inhalative	LC50 / 4h	>21 mg/m3 (rat)
108-65-6 2-methoxy-1-methylethyl acetate		
Oral	LD50	8530 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
Inhalative	LC50 / 4h	>10000 mg/m3 (rat)
71-36-3 butan-1-ol		
Oral	LD50	2292 mg/kg (rat)
Dermal	LD50	3430 mg/kg (rabbit)
Inhalative	LC50 / 4h	17000 mg/m3 (rat)

**Skin corrosion/irritation** No irritant effect.

**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitization** No sensitising effects known.

**STOT-single exposure:** May cause drowsiness or dizziness.

**Information on other hazards**

**Endocrine disrupting properties** None of the ingredients is listed.

## 12 – ECOLOGICAL INFORMATION

### Toxicity

<b>Aquatic toxicity:</b>	
67-64-1 acetone	
LC50/96h	8300 mg/l (fish)
EC50/96h	7200 mg/l (algae)
LC50 / 48 h	8450 mg/l (crustacean (water flea))
108-65-6 2-methoxy-1-methylethyl acetate	
EC50 / 48 h	>500 mg/l (daphnia magna)
LC50 / 96 h	100-180 mg/l (oncorhynchus mykiss / Regenbogenforelle)
71-36-3 butan-1-ol	

LC50 / 96 h	1376 mg/l (fish)
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**Persistence and degradability** No further relevant information available.

**Bioaccumulative potential** No further relevant information available.

**Mobility in soil** No further relevant information available.

**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**Other adverse effects**

**Additional ecological information:**

**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13- DISPOSAL CONSIDERATION

**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.

### 14- TRANSPORT INFORMATION

**UN number or ID number**

ADR, IMDG, IATA

UN1950

**UN proper shipping name**

ADR

1950 AEROSOLS

IMDG

AEROSOLS

IATA

AEROSOLS, flammable

■ **Transport hazard class(es)**  
**ADR**



Class 2 5F Gases.  
Label 2.1

**IMDG, IATA**



Class 2.1  
Label 2.1

**Packing group**

ADR, IMDG, IATA not regulated

**Environmental hazards:**

Not applicable.

**Special precautions for user**

Warning: Gases.

Hazard identification number (Kemler code): -

EMS Number: F-D,S-U

Stowage Code

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.

Segregation Code

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.

**Maritime transport in bulk according to IMO instruments**

Not applicable.

**Transport/Additional information:**

<b>ADR</b>	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
Transport category	2
Tunnel restriction code	D
<b>IMDG</b>	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
<b>UN "Model Regulation":</b>	UN 1950 AEROSOLS, 2.1

### **15 – REGULATORY INFORMATION**

**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

**Qualifying quantity (tonnes) for the application of lower-tier requirements** 150 t

**Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### **16-OTHER INFORMATION**

#### **Relevant phrases**

H201 Explosive; mass explosion hazard.

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H351 Suspected of causing cancer.

- EUH066 Repeated exposure may cause skin dryness or cracking.

**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)

VOC: Volatile Organic Compounds (USA, EU)

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

Expl. 1.1: Explosives – Division 1.1

Flam. Gas 1A: Flammable gases – Category 1A

Aerosol 1: Aerosols – Category 1

Press. Gas (Comp.): Gases under pressure – Compressed gas

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Carc. 2: Carcinogenicity – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

The information contained in these sheets is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects and should not be construed as any guarantee of technical performance or suitability for particular applications.