

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

---

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

#### 1.1 Product identifier

Trade name : Carsystem ACRYL THINNER FAST  
Product code : 152.456

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

Use of the Sub-stance/Mixture : Solvent mixture  
Recommended restrictions on use : Reserved for industrial and professional use.  
Industrial use, professional use

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

Company : Vosschemie GmbH  
Esinger Steinweg 50  
25436 Uetersen  
Germany  
info@vosschemie.de  
Telephone : 04122 717 0  
Telefax : 04122 717158  
**Responsible Department** : Laboratory  
04122 717 0  
sds@vosschemie.de

#### 1.4 Emergency telephone number

Telephone : POISONS INFORMATION CENTRE  
Australia  
13 11 26

#### 1.5 Details of the supplier/importer

Company : Sydney Automotive Paints and Equipment  
Unit A3, 366 Edgar Street  
Condell Park, 2200  
reception@sape.com.au  
Telephone : 02 9772 9000  
Telefax : 02 9772 9001  
**Responsible Department** : Marketing  
02 9772 9000

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version  
1.1

GB / EN

Revision Date:  
01.07.2021

Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 2	H225: Highly flammable liquid and vapour.
Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Specific target organ toxicity - single exposure, Category 3, Central nervous system	H336: May cause drowsiness or dizziness.
Specific target organ toxicity - single exposure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Long-term (chronic) aquatic hazard, Category 3	H412: Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H225 Highly flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.  
H335 May cause respiratory irritation.  
H336 May cause drowsiness or dizziness.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H412 Harmful to aquatic life with long lasting effects.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version 1.1 GB / EN Revision Date: 01.07.2021 Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

Precautionary statements : **Prevention:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 Do not breathe mist or vapours.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.  
**Disposal:**  
P501 Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

### Hazardous components which must be listed on the label:

xylene  
n-butyl acetate  
acetone

### 2.3 Other hazards

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.

Ecological information: 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.

Toxicological information: 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 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Mixture

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
xylene	1330-20-7 215-535-7 601-022-00-9 01-2119488216-32	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 25 - < 50

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version  
1.1

GB / EN

Revision Date:  
01.07.2021

Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

		STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 (Central nervous system, Liver, Kid- ney) Asp. Tox. 1; H304 Aquatic Chronic 3; H412	
n-butyl acetate	123-86-4 204-658-1 607-025-00-1 01-2119485493-29	Acute toxicity esti- mate  Acute inhalation tox- icity: 11 mg/l	
		Flam. Liq. 3; H226 STOT SE 3; H336 (Central nervous system) EUH066	>= 25 - < 50
acetone	67-64-1 200-662-2 606-001-00-8 01-2119471330-49	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 (Central nervous system) EUH066	>= 5 - < 15

For explanation of abbreviations see section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- General advice : In the case of accident or if you feel unwell, seek medical advice immediately.  
Move out of dangerous area.  
Take off contaminated clothing and shoes immediately.  
Do not leave the victim unattended.  
Symptoms of poisoning may appear several hours later.  
Show this safety data sheet to the doctor in attendance.
- Protection of first-aiders : First Aid responders should pay attention to self-protection and use the recommended protective clothing
- If inhaled : Move to fresh air.  
Keep patient warm and at rest.  
If breathing is irregular or stopped, administer artificial respiration.  
Call a physician immediately.
- In case of skin contact : Wash off immediately with soap and plenty of water.  
If skin irritation occurs: Get medical advice/ attention.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

---

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Keep eye wide open while rinsing.  
If easy to do, remove contact lens, if worn.  
Consult a physician.

If swallowed : Do NOT induce vomiting.  
Aspiration hazard if swallowed - can enter lungs and cause damage.  
Call a physician immediately.

### 4.2 Most important symptoms and effects, both acute and delayed

Risks : Risk of product entering the lungs on vomiting after ingestion.  
Aspiration may cause pulmonary oedema and pneumonitis.

May be fatal if swallowed and enters airways.  
Causes skin irritation.  
Causes serious eye irritation.  
Harmful if inhaled.  
May cause respiratory irritation.  
May cause drowsiness or dizziness.  
May cause damage to organs through prolonged or repeated exposure.

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

Treatment : Treat symptomatically.  
Keep under medical supervision for at least 48 hours.

---

## SECTION 5: Firefighting measures

Hazchem: •3YE

### 5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO<sub>2</sub>)  
Dry powder  
Sand  
Alcohol-resistant foam

Unsuitable extinguishing media : Water  
High volume water jet

### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Vapours may form flammable mixture with air  
Vapours are heavier than air and may spread along floors.  
If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

Hazardous combustion products : Hazardous decomposition products due to incomplete combustion  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

---

### 5.3 Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Complete suit protecting against chemicals
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. In the event of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- 

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- Personal precautions : Wear personal protective equipment. Evacuate personnel to safe areas. Ensure adequate ventilation, especially in confined areas. Remove all sources of ignition. Do not smoke. Avoid contact with skin, eyes and clothing. In the case of vapour formation use a respirator with an approved filter. Avoid inhalation of vapour or mist.

### 6.2 Environmental precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

### 6.3 Methods and material for containment and cleaning up

- Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.
- Do not flush with water.

### 6.4 Reference to other sections

For personal protection see section 8., For disposal considerations see section 13.

---

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : Keep container closed when not in use. Open drum carefully as content may be under pressure. Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version 1.1 GB / EN Revision Date: 01.07.2021 Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

Solvent vapours are heavier than air and may spread along floors.

Advice on protection against fire and explosion : Vapours may form explosive mixtures with air. Keep away from open flames, hot surfaces and sources of ignition. Do not smoke. Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin and the eyes. When using do not eat, drink or smoke. Do not breathe vapours, mist or gas.

### 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Further information on storage conditions : Keep away from heat and sources of ignition. Keep away from direct sunlight.

Advice on common storage : Do not store together with oxidizing and self-igniting products. Incompatible with oxidizing agents. Keep away from food and drink.

### 7.3 Specific end use(s)

Specific use(s) : No data available

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
xylene	1330-20-7	TWA	50 ppm 221 mg/m <sup>3</sup>	2000/39/EC
		Further information: Identifies the possibility of significant uptake through the skin, Indicative		
		STEL	100 ppm 442 mg/m <sup>3</sup>	2000/39/EC
		Further information: Identifies the possibility of significant uptake through the skin, Indicative		
		TWA	50 ppm 220 mg/m <sup>3</sup>	GB EH40
		Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.		
		STEL	100 ppm 441 mg/m <sup>3</sup>	GB EH40

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version  
1.1

GB / EN

Revision Date:  
01.07.2021

Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

	Further information: Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
n-butyl acetate	123-86-4	TWA	150 ppm 724 mg/m <sup>3</sup>	GB EH40
		STEL	200 ppm 966 mg/m <sup>3</sup>	GB EH40
		STEL	150 ppm 723 mg/m <sup>3</sup>	2019/1831/E U
	Further information: Indicative			
		TWA	50 ppm 241 mg/m <sup>3</sup>	2019/1831/E U
	Further information: Indicative			
acetone	67-64-1	TWA	500 ppm 1,210 mg/m <sup>3</sup>	2000/39/EC
	Further information: Indicative			
		TWA	500 ppm 1,210 mg/m <sup>3</sup>	GB EH40
		STEL	1,500 ppm 3,620 mg/m <sup>3</sup>	GB EH40

### Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
xylene	1330-20-7	methyl hippuric acid: 650 Millimoles per mole Creatinine (Urine)	After shift	GB EH40 BAT

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
xylene	Workers	Inhalation	Acute systemic effects	289 mg/m <sup>3</sup>
	Workers	Inhalation	Acute local effects	289 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	180 mg/kg
	Workers	Inhalation	Long-term systemic effects	77 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute systemic effects	174 mg/m <sup>3</sup>
	Consumers	Inhalation	Acute local effects	174 mg/m <sup>3</sup>
	Consumers	Skin contact	Long-term systemic effects	108 mg/kg
	Consumers	Inhalation	Long-term systemic effects	14.8 mg/m <sup>3</sup>
	n-butyl acetate	Workers	Inhalation	Long-term systemic effects
Workers		Dermal	Long-term systemic effects	11 mg/kg bw/day
Consumers		Inhalation	Long-term systemic effects	35.7 mg/m <sup>3</sup>
Consumers		Dermal	Long-term systemic	6 mg/kg



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version  
1.1

GB / EN

Revision Date:  
01.07.2021

Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

			effects	bw/day
	Consumers	Oral	Long-term systemic effects	2 mg/kg bw/day
acetone	Workers	Inhalation	Long-term systemic effects	1210 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term local effects	2420 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	186 mg/kg
	Consumers	Inhalation	Long-term systemic effects	200 mg/m <sup>3</sup>
	Consumers	Skin contact, Oral	Long-term systemic effects	62 mg/kg

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
xylene	Fresh water	0.327 mg/l
	Marine water	0.327 mg/l
	Fresh water sediment	12.46 mg/l
	Marine sediment	12.46 mg/l
	Soil	2.31 mg/l
n-butyl acetate	Fresh water	0.18 mg/l
	Marine water	0.018 mg/l
	Fresh water sediment	0.981 mg/kg dry weight (d.w.)
	Marine sediment	0.098 mg/kg dry weight (d.w.)
	Sewage treatment plant	35.6 mg/l
	Soil	0.09 mg/kg dry weight (d.w.)
acetone	Fresh water	10.6 mg/l
	Marine water	1.06 mg/l
	Sewage treatment plant	100 mg/l
	Fresh water sediment	30.4 mg/kg
	Marine sediment	3.04 mg/kg
	Soil	29.5 mg/kg

## 8.2 Exposure controls

### Personal protective equipment

Eye protection : Safety glasses with side-shields conforming to EN166

### Hand protection

Material : butyl-rubber

Material : Nitrile rubber

Material : PVA

Material : Fluorinated rubber

Break through time : > 480 min

Glove thickness : >= 0.7 mm

Directive : DIN EN 374

Protective index : Class 6

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

---

- Remarks : Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. The data about break through time/strength of material are standard values! The exact break through time/strength of material has to be obtained from the producer of the protective glove. 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. Preventive skin protection
- Skin and body protection : Please wear suitable protective clothing, e.g. made of cotton or heat-resistant synthetic fibres.  
Long sleeved clothing
- Respiratory protection : Apply technical measures to comply with the occupational exposure limits.  
Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust).
- Filter type : Combined particulates and organic vapour type (A-P)  
  
In case of inadequate ventilation wear respiratory protection.
- Protective measures : Ensure that eye flushing systems and safety showers are located close to the working place.  
Avoid contact with the skin and the eyes.  
Use only with adequate ventilation.

### Environmental exposure controls

- Soil : Avoid subsoil penetration.
- 

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state : liquid
- Colour : colourless
- Odour : characteristic
- Melting point/freezing point : not determined
- Boiling point/boiling range : not determined
- Upper explosion limit / Upper flammability limit : 15 %(V)
- Lower explosion limit / Lower flammability limit : 1 %(V)
- Flash point : < 0 °C

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

---

pH	:	not determined substance/mixture is non-soluble (in water)
Viscosity	:	
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	not determined
Solubility(ies)	:	
Water solubility	:	immiscible
Partition coefficient: n-octanol/water	:	not determined
Vapour pressure	:	233 hPa (20 °C)
Density	:	0.85 g/cm <sup>3</sup> (20 °C)

### 9.2 Other information

Explosives	:	Not explosive In use, may form flammable/explosive vapour-air mixture.
------------	---	---

---

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if used as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Vapours may form explosive mixture with air.  Incompatible with oxidizing agents. Incompatible with strong acids and bases. Avoid amines.
---------------------	---	---

### 10.4 Conditions to avoid

Conditions to avoid	:	Heat, flames and sparks. Extremes of temperature and direct sunlight.
---------------------	---	--

### 10.5 Incompatible materials

Materials to avoid	:	Strong acids and oxidizing agents  Amines Bases
--------------------	---	--

### 10.6 Hazardous decomposition products

Build-up of dangerous/toxic fumes possible in cases of fire/high temperature.  
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version

1.1

GB / EN

Revision Date:

01.07.2021

Date of last issue: 30.10.2019

Date of first issue: 30.10.2019

---

### SECTION 11: Toxicological information

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

##### Acute toxicity

Harmful if inhaled.

##### Product:

Acute inhalation toxicity : Acute toxicity estimate: < 20 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Expert judgement

Acute dermal toxicity : Acute toxicity estimate: > 2,000 mg/kg  
Method: Calculation method

##### Components:

##### **xylene:**

Acute oral toxicity : LD50 Oral (Rat): > 2,000 mg/kg

Acute inhalation toxicity : Acute toxicity estimate: 11 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: Expert judgement

LC50 (Rat): 21.7 mg/l

Exposure time: 4 h

Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 1,700 mg/kg

##### **n-butyl acetate:**

Acute oral toxicity : LD50 (Rat): 10,760 mg/kg

Acute inhalation toxicity : LD50 (Rat): > 21 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Method: OECD Test Guideline 403

##### **acetone:**

Acute oral toxicity : LD50 Oral (Rat): 5,800 mg/kg

Acute inhalation toxicity : LC50 (Rat): ca. 132 mg/l  
Exposure time: 3 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 Dermal (Rabbit): > 7,426 mg/kg

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version  
1.1

GB / EN

Revision Date:  
01.07.2021

Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

---

### **Skin corrosion/irritation**

Causes skin irritation.

#### **Components:**

##### **xylene:**

Result : Skin irritation

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

#### **Components:**

##### **xylene:**

Result : Moderate eye irritation

### **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.

#### **Reproductive toxicity**

Not classified based on available information.

#### **STOT - single exposure**

May cause respiratory irritation.

May cause drowsiness or dizziness.

#### **Components:**

##### **xylene:**

Assessment : May cause respiratory irritation.

#### **STOT - repeated exposure**

May cause damage to organs through prolonged or repeated exposure.

#### **Components:**

##### **xylene:**

Target Organs : Central nervous system, Liver, Kidney

Assessment : May cause damage to organs through prolonged or repeated exposure.

### **Aspiration toxicity**

May be fatal if swallowed and enters airways.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version  
1.1

GB / EN

Revision Date:  
01.07.2021

Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

### Components:

#### **xylene:**

May be fatal if swallowed and enters airways.

### 11.2 Information on other hazards

#### **Endocrine disrupting properties**

#### Product:

Assessment : 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

### 12.1 Toxicity

#### Components:

#### **xylene:**

- Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 7.6 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 3.82 mg/l  
Exposure time: 48 h  
Test Type: Immobilization  
Method: OECD Test Guideline 202
- Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 2.2 mg/l  
Exposure time: 72 h  
Test Type: Growth inhibition  
Method: OECD Test Guideline 201
- Toxicity to microorganisms : NOEC (Bacteria): 157 mg/l  
Exposure time: 3 h
- Toxicity to fish (Chronic toxicity) : NOEC: > 1.3 mg/l  
Exposure time: 56 d  
Species: Oncorhynchus mykiss (rainbow trout)
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 1.17 mg/l  
Exposure time: 7 d  
Species: Daphnia dubia (water flea)  
Method: Regulation (EC) No. 440/2008, Annex, C.20

#### **Ecotoxicology Assessment**

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version 1.1 GB / EN Revision Date: 01.07.2021 Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

---

### acetone:

- Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 8,120 mg/l  
Exposure time: 96 h  
Method: OECD Test Guideline 203
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia pulex (Water flea)): 8,800 mg/l  
End point: mortality  
Exposure time: 48 h
- Toxicity to algae/aquatic plants : NOEC (Microcystis aeruginosa (blue-green algae)): 430 mg/l  
Exposure time: 96 h
- Toxicity to microorganisms : EC10 (Bacteria): 1,000 mg/l  
Exposure time: 0.5 h  
Method: OECD Test Guideline 209
- Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC: 2,212 mg/l  
Exposure time: 28 d  
Species: Daphnia magna (Water flea)  
Method: OECD Test Guideline 211

## 12.2 Persistence and degradability

### Components:

#### xylene:

- Biodegradability : Biodegradation: 87.8 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301

#### acetone:

- Biodegradability : Biodegradation: 90.9 %  
Exposure time: 28 d  
Method: OECD Test Guideline 301B

## 12.3 Bioaccumulative potential

### Components:

#### xylene:

- Bioaccumulation : Species: Oncorhynchus mykiss (rainbow trout)  
Bioconcentration factor (BCF): 25.9
- Partition coefficient: n-octanol/water : log Pow: 3.16 (20 °C)

#### acetone:

- Bioaccumulation : Bioconcentration factor (BCF): 3
- Partition coefficient: n- : log Pow: -0.24 (20 °C)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

---

octanol/water

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

**Product:**

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..

### 12.6 Endocrine disrupting properties

**Product:**

Assessment : 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

**Product:**

Additional ecological information : Do not let product enter drains.

---

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : Do not dispose of with domestic refuse.  
Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.  
Dispose of in accordance with local regulations.  
Send to a licensed waste management company.  
Dispose of wastes in an approved waste disposal facility.  
It must undergo special treatment, e.g. at suitable disposal site, to comply with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.  
Packaging that is not properly emptied must be disposed of as the unused product.  
Dispose of in accordance with local regulations.

Waste Code : The following Waste Codes are only suggestions:  
14 06 03, other solvents and solvent mixtures  
  
08 01 11, waste paint and varnish containing organic solvents or other hazardous substances



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version 1.1 GB / EN Revision Date: 01.07.2021 Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

---

### SECTION 14: Transport information

#### 14.1 UN number or ID number

**ADN** : UN 1263  
**ADR** : UN 1263  
**RID** : UN 1263  
**IMDG** : UN 1263  
**IATA** : UN 1263

#### 14.2 UN proper shipping name

**ADN** : PAINT RELATED MATERIAL  
**ADR** : PAINT RELATED MATERIAL  
**RID** : PAINT RELATED MATERIAL  
**IMDG** : PAINT RELATED MATERIAL  
**IATA** : Paint related material

#### 14.3 Transport hazard class(es)

**ADN** : 3  
**ADR** : 3  
**RID** : 3  
**IMDG** : 3  
**IATA** : 3

#### 14.4 Packing group

**ADN**  
Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

**ADR**  
Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3  
Tunnel restriction code : (D/E)

**RID**  
Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3

**IMDG**  
Packing group : II

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

Labels : 3  
EmS Code : F-E, S-E

### IATA (Cargo)

Packing instruction (cargo aircraft) : 364  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Class 3 - Flammable liquids

### IATA (Passenger)

Packing instruction (passenger aircraft) : 353  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Class 3 - Flammable liquids

### 14.5 Environmental hazards

#### ADN

Environmentally hazardous : no

#### ADR

Environmentally hazardous : no

#### RID

Environmentally hazardous : no

#### IMDG

Marine pollutant : no

Hazchem: •3YE

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Conditions of restriction for the following entries should be considered: Number on list 3

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

VOSSCHEMIE

## Carsystem ACRYL THINNER FAST

Version 1.1 GB / EN Revision Date: 01.07.2021 Date of last issue: 30.10.2019  
Date of first issue: 30.10.2019

---

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors

Acquisition, introduction, possession or use of the explosive precursor by the general public is subject to reporting obligations. acetone (ANNEX II)

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. P5c FLAMMABLE LIQUIDS

### Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

### 15.2 Chemical safety assessment

A chemical safety assessment according to (EC) regulation 1907/2006 (REACH) has not been carried out for this product.

---

## SECTION 16: Other information

### Full text of H-Statements

H225 : Highly flammable liquid and vapour.  
H226 : Flammable liquid and vapour.  
H304 : May be fatal if swallowed and enters airways.  
H312 : Harmful in contact with skin.  
H315 : Causes skin irritation.  
H319 : Causes serious eye irritation.  
H332 : Harmful if inhaled.  
H335 : May cause respiratory irritation.  
H336 : May cause drowsiness or dizziness.  
H373 : May cause damage to organs through prolonged or repeated exposure.  
H412 : Harmful to aquatic life with long lasting effects.  
EUH066 : Repeated exposure may cause skin dryness or cracking.

### Full text of other abbreviations

Acute Tox. : Acute toxicity  
Aquatic Chronic : Long-term (chronic) aquatic hazard  
Asp. Tox. : Aspiration hazard  
Eye Irrit. : Eye irritation  
Flam. Liq. : Flammable liquids  
Skin Irrit. : Skin irritation  
STOT RE : Specific target organ toxicity - repeated exposure  
STOT SE : Specific target organ toxicity - single exposure  
2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version	Revision Date:	Date of last issue: 30.10.2019
1.1 GB / EN	01.07.2021	Date of first issue: 30.10.2019

2019/1831/EU	:	Europe. Commission Directive 2019/1831/EU establishing a fifth list of indicative occupational exposure limit values
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 BAT	:	UK. Biological monitoring guidance values
2000/39/EC / TWA	:	Limit Value - eight hours
2000/39/EC / STEL	:	Short term exposure limit
2019/1831/EU / TWA	:	Limit Value - eight hours
2019/1831/EU / STEL	:	Short term exposure limit
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - 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; 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### Further information

#### Classification of the mixture:

Flam. Liq. 2	H225
Acute Tox. 4	H332
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H336

#### Classification procedure:

Based on product data or assessment  
Expert judgement and weight of evidence determination.  
Calculation method  
Calculation method  
Calculation method

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**VOSSCHEMIE**

## Carsystem ACRYL THINNER FAST

Version		Revision Date:	Date of last issue: 30.10.2019
1.1	GB / EN	01.07.2021	Date of first issue: 30.10.2019

---

STOT SE 3	H335	Calculation method
STOT RE 2	H373	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 3	H412	Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.