

# SAFETY DATA SHEET

PFL 1045

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Compilation date: 08/05/2014

Revision No: 1

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

### 1.1. Product identifier

**Product name:** PFL 1045

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

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.

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

**Company name:** VIP - VOELKEL INDUSTRIE PRODUCKTE GMBH

FRAUENSTRASSE 31

MAISACH

82216

GERMANY

**Tel:** +49 (0) 89 89 55 8090

**Fax:** +49 (0) 89 89 55 80999

**Email:** [info@vip-gmbh.com](mailto:info@vip-gmbh.com)

### 1.4. Emergency telephone number

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CHIP:** F+: R12; Xn: R20/21; Xi: R36; -: R66

**Classification under CLP:** Skin Irrit. 2: H315; Eye Irrit. 2: H319; Flam. Gas 1: H220; STOT SE 3: H336; -: H229

**Most important adverse effects:** Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to eyes.  
Repeated exposure may cause skin dryness or cracking.

### 2.2. Label elements

#### Label elements under CLP:

**Hazard statements:** H220: Extremely flammable gas.

H229: Pressurised container: May burst if heated

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS07: Exclamation mark



[cont...]

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**Precautionary statements:** P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P271: Use only outdoors or in a well-ventilated area.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312: Call a POISON CENTER or doctor if you feel unwell.

## Label elements under CHIP:

**Hazard symbols:** Extremely flammable.  
Harmful.



**Risk phrases:** R12: Extremely flammable.  
R20/21: Harmful by inhalation and in contact with skin.  
R36: Irritating to eyes.  
R66: Repeated exposure may cause skin dryness or cracking.

**Safety phrases:** S2: Keep out of the reach of children.  
S16: Keep away from sources of ignition - No smoking.  
S9: Keep container in a well-ventilated place.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37: Wear suitable protective clothing and gloves.  
S46: If swallowed, seek medical advice immediately and show this container or label.

**Precautionary phrases:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

## 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture. Canadian CPR Classification: Class B, Division 5 Flammable aerosol. Canadian CPR Classification: Class D, Division 2 Materials Causing Other Toxic Effects, sub-classification A (very toxic).

**PBT:** This product is not identified as a PBT substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

[cont...]

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## Hazardous ingredients:

ETHYL METHYL KETONE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
201-159-0	78-93-3	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	30-50%

XYLENE.

-	-	-	-	10-30%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Consult a doctor.

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

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

**Immediate / special treatment:** Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Dry chemical powder. Use water spray to cool containers.

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

**Exposure hazards:** Extremely flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. Explosion data - sensitivity to mechanical impact: No Data Available Explosion data - sensitivity to static discharge: No Data Available

[cont...]

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## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

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

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Evacuate the area immediately. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

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

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

[cont...]

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**Hazardous ingredients:**

**ETHYL METHYL KETONE**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	600 mg/m <sup>3</sup>	899 mg/m <sup>3</sup>	-	-

**XYLENE.**

UK	220 mg/m <sup>3</sup>	441 mg/m <sup>3</sup>	-	-
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## 8.1. DNEL/PNEC Values

**DNEL / PNEC** No data available.

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protective device with particle filter. Gas/vapour filter, type A: organic vapours (EN141).

**Hand protection:** Nitrile gloves. Neoprene gloves.

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

**Environmental:** Prevent from entering in public sewers or the immediate environment.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Aerosol

**Colour:** Grey

**Odour:** Characteristic odour

**Evaporation rate:** No Data Available

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Insoluble

**Also soluble in:** No Data Available

**Viscosity:** No Data Available

**Kinematic viscosity:** No Data

**Viscosity test method:** No Data Available

**Boiling point/range°C:** No Data Available

**Melting point/range°C:** No Data Available

**Flammability limits %: lower:** 0.5

**upper:** 19

**Flash point°C:** No Data Available

**Part.coeff. n-octanol/water:** No Data Available

**Autoflammability°C:** No Data Available

**Vapour pressure:** No Data Available

**Relative density:** 0.77

**pH:** No Data Available

**VOC g/l:** 620

[cont...]

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## 9.2. Other information

**Other information:** Coefficient of water/oil distribution: No Data Available Vapour density: No Data Available  
Odour threshold: No Data Available

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.  
Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	2,105,186	mg/kg

#### Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM	Hazardous: calculated
Irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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**Other information:** Carcinogenicity: The mixture may be carcinogenic to humans. Reproductive Toxicity: No Data Available Teratogenicity: No Data Available Mutagenicity: No Data Available Name of Toxicologically Synergistic Products: No Data Available Sensitization to product: No Data Available

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### ETHYL METHYL KETONE

Daphnia magna	48H EC50	5091	mg/l
Scenedesmus Subspicatus	168H IC5	4300	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** No data available.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT substance.

### 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN1950

### 14.2. UN proper shipping name

**Shipping name:** AEROSOLS

[cont...]

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## 14.3. Transport hazard class(es)

Transport class: 2

## 14.4. Packing group

## 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

## 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

## Section 15: Regulatory information

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

**Specific regulations:** This product is a Seveso category/named substance in Annex I of Council Directive 96/82/EC. WHIMS/CPR: This product has been classified according to the hazards criteria of the CPR and the MSDS contains all the information required by the CPR.

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and 3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H220: Extremely flammable gas.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

R11: Highly flammable.

R12: Extremely flammable.

R20/21: Harmful by inhalation and in contact with skin.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive

[cont...]



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and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

