

# Safety Data Sheet



According to Regulation (EC) No. 1907/2006

Product Name: EVGPRIM K  
Product No.: EVGPRIM K

Version: 1.1/EN Revision Date: Nov-2018

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifiers

Product name : EVGPRIM K  
Product No. : EVGPRIM K

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

Identified uses : R&D and industrial uses.

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

Company : EV Group GmbH  
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AUSTRIA

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## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

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

Flammable Liquids (Category 2), H225

Eye irritation (Category 2), H319

Specific target organ toxicity – single exposure (Category 3), Central nervous system, H336

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### Classification according to EU Directives 67/548/EEC or 1999/45/EC

F Highly flammable R11  
Xi Irritant R36 / 38  
R67

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## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

Precautionary statements

P210

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P261

Avoid breathing vapours.

P305 + P351 + P338:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplemental Hazard

None

Statements

### According to European Directive 67/548/EEC as amended

R-phrase(s)

R11

Highly flammable.

R36 / 38

Irritating to eyes and skin.

R67

Vapours may cause drowsiness and dizziness

## 2.3. Other hazards

None.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Chemical characterization

Mixture.

### 3.2. Hazardous components

EC-No.	Chemical name	Quantity
CAS-No.	GHS Classification	
Index-No.	Classification	
200-661-7	Isopropyl alcohol	≥90%
603-117-00-0	Flam. Liq. 2; Eye Irrit. 2, STOT SE 3; H225, H219, H336	
67-63-0	R11, R26, R67	

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## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

#### In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

#### If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in the section 11.

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

No data available.

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## 5. FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Carbon oxides.

### 5.3. Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

### 5.4. Further information

Use water spray to cool unopened containers.

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## 6. ACCIDENTAL RELEASE MEASURES

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

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see Section 8.

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## 6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

## 6.4. Reference to other sections

For disposal see section 13.

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## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Keep away from sources of ignition – No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see Section 2.2.

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

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic.

### 7.3. Specific end uses

Apart from the uses mentioned in Section 1.2 no other specific uses are stipulated.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166 (EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this mixture. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Body protection

Impervious clothing. Wear flame retardant, antistatic protective clothing. The type of

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protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

## Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate, use a full-face respirator with multi-purpose combination (US) or type ABEK (EN14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

a) Appearance	Form: clear, liquid Colour: colourless
b) Odour	alcohol-like
c) Odour threshold	no data available
d) pH (20°C)	no data available
e) Melting point/freezing point	-89,5 °C (for Isopropyl alcohol)
f) Initial boiling point	82 °C (for Isopropyl alcohol)
g) Flash point	12 °C – closed cup (for Isopropyl alcohol)
h) Evaporation rate	3,0 (for Isopropyl alcohol)
i) Flammability (solid/gas)	no data available
j) Upper/lower flammability of explosive limits	Upper explosion limit: 12,7 %(V) Lower explosion limit: 2 %(V) (data for Isopropyl alcohol)
k) Vapour pressure	43,2 hPa at 20,0°C 58,7 hPa at 25,0 °C (data for Isopropyl alcohol)
l) Vapour density	no data available
m) Relative density	0,8 g/mL at 25°C
n) Water solubility	miscible
o) Partition coefficient: n-octanol/water	no data available

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p) Autoignition temperature	425 °C
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

## 9.2. Other safety information

No data available.

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## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

No data available.

### 10.3. Possibility of hazardous reactions

No data available.

### 10.4. Conditions to avoid

Heat, flames and sparks. Extremes of temperature and direct sunlight.

### 10.5. Incompatible materials

Oxidizing agents. Acid anhydrides, Aluminium, Halogenated compounds, acids.

### 10.6. Hazardous decomposition products

No data available.

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## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Acute toxicity

No data available.

#### Skin corrosion/irritation

No data available.

#### Serious eye damage/eye irritation

No data available.

#### Respiratory or skin sensitization

No data available.

#### Germ cell mutagenicity

No data available.

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## **Carcinogenicity**

No data available.

## **Reproductive toxicity**

No data available.

## **Specific target organ toxicity – single exposure**

May cause drowsiness or dizziness.

## **Specific target organ toxicity – Repeated exposure**

No data available.

## **Aspiration hazard**

No data available.

## **Additional information**

Central nervous system depression, prolonged or repeated exposure can cause: nausea, headache, vomiting, narcosis, drowsiness, overexposure may cause mind, reversible liver effects.

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## **12. ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

No data available.

### **12.2. Persistence and degradability**

No data available.

### **12.3. Bioaccumulative potential**

No data available.

### **12.4. Mobility in soil**

No data available.

### **12.5. Results of PBT and vPvB assessment**

No data available.

### **12.6. Other adverse effects**

No data available.

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## **13. DISPOSAL CONSIDERATIONS**

### **13.1. Waste treatment methods**

#### **Product**

Burn in a chemical incinerator equipped with afterburner and scrubber but exert extra care in igniting as this material is flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

#### **Contaminated Packaging**

Dispose of as unused product.

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## 14. TRANSPORT INFORMATION

### 14.1. UN number

ADR/RID: 1219                      IMDG: 1219                      IATA: 1219

### 14.2. UN proper shipping name

ADR/RID: ISOPROPANOL  
IMDG: ISOPROPANOL  
IATA: ISOPROPANOL

### 14.3. Transport hazard class(es)

ADR/RID: 3                              IMDG: 3                              IATA: 3

### 14.4. Packaging group

ADR/RID: II                              IMDG: II                              IATA: II

### 14.5. Environmental hazards

ADR/RID: no                              IMDG Marine pollutant: no                      IATA: no

### 14.6. Special precautions for user

No data available.

## 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available.

### 15.2. Chemical safety assessment

No data available.

## 16. OTHER INFORMATION

### Full test of H-Statements referred to under Section 2 and 3

Eye Irrit.	Eye irritation
Flam. Liq.	Flammable liquids
H225	Highly flammable liquid and vapour
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness
STOT SE	Specific target organ toxicity – single exposure

### Full test of R-phrases referred to under Section 2 and 3

F	Highly flammable
Xi	Irritant
R11	Highly flammable
R36	Irritating to eyes
R67	Vapours may cause drowsiness and dizziness



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