

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version number 1

Revision: 01.07.2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

Trade name: ANTI-FOG KIT

Product Code(s): B200 (PACF030) / B250 (PACF500)

**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / the preparation:**

Anti-fog Spray 30 ml + microfiber cloth / Anti-fog Spray 500 ml.

**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Bollé Safety

Adresse : 34, rue de la soie 69100 VILLEURBANNE France.

Téléphone : 00 33 (0)4 78 85 23 64.

Fax : 00 33 (0)4 78 85 28 56.

E-mail: contact@bolle-safety.com

<http://www.bolle-safety.fr>**1.4 Emergency telephone number:**

UK - National Poisons Emergency: +44 870 600 6266 (24h - health professionals only).

Ireland - National Poisons Information Centre: +353 1 8379964.

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Eye Dam. 1 H318 Causes serious eye damage.

Acute Tox. 4 H332 Harmful if inhaled.

STOT SE 3 H336 May cause drowsiness or dizziness.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**

GHS05 GHS07

**Signal word:** Danger**Hazard-determining components of labelling:**

docusate sodium

1-methoxy-2-propanol

**Hazard statements:**

H332 Harmful if inhaled.

H318 Causes serious eye damage.

H336 May cause drowsiness or dizziness.

**Precautionary statements:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version number 1

Revision: 01.07.2020

**Trade name:** ANTI-FOG KIT

P310 Immediately call a POISON CENTER/doctor.  
 P405 Store locked up.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

**SECTION 3: Composition/information on ingredients****3.2 Mixtures****Description:** Mixture consisting of the following components.**Hazardous components:**

CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3	1-methoxy-2-propanol	Flam. Liq. 3, H226; STOT SE 3, H336	25-50%
CAS: 577-11-7 EINECS: 209-406-4	docusate sodium	Eye Dam. 1, H318; Skin Irrit. 2, H315	5-<10%

**Additional information:** For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:**

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident is recommended.

**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in the recovery position.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.**After swallowing:** If symptoms persist consult doctor.**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**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents:**

Use extinguishing measures appropriate to local circumstances and the environment.

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

No further relevant information available.

**5.3 Advice for firefighters****Protective equipment:**

Mouth respiratory protective device.

Wear fully protective suit.

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version number 1

Revision: 01.07.2020

**Trade name:** ANTI-FOG KIT

## SECTION 6: Accidental release measures

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

Use personal protective equipment.  
Remove persons from danger area.

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

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

Ensure adequate ventilation.  
Dispose contaminated material as waste according to item 13.

### 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/exhaustion at the workplace.  
Prevent formation of aerosols.

**Information about fire - and explosion protection:** No special measures required.

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

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Store away from oxidising agents.

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

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

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

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

##### 107-98-2 1-methoxy-2-propanol

WEL (Great Britain)	Short-term value: 560 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm Sk
IOELV (EU)	Short-term value: 568 mg/m <sup>3</sup> , 150 ppm Long-term value: 375 mg/m <sup>3</sup> , 100 ppm Skin

**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.  
Immediately remove all soiled and contaminated clothing  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.

##### Respiratory protection:

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

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version number 1

Revision: 01.07.2020

**Trade name:** ANTI-FOG KIT**Protection of hands:**

Protective gloves.

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

**Eye protection:**

Tightly sealed goggles (EN 166).

Goggles recommended during refilling

**Body protection:** Protective work clothing.**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:**

**Form:** Liquid.  
**Colour:** Colourless.

**Odour:** Odourless.  
**Odour threshold:** Not determined.

**pH-value at 20 °C:** 7

**Melting point/Melting range:** Not determined.

**Boiling point/Boiling range:** 100 °C

**Flash point:** 70 °C

**Flammability (solid, gaseous):** Not determined.

**Ignition temperature:** Not determined.

**Decomposition temperature:** Not determined.

**Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits:**

**Lower:** Not determined.  
**Upper:** Not determined.

**Oxidising properties:** Not determined.

**Vapour pressure:** Not determined.

**Density:** Not determined.

**Relative density:** Not determined.

**Vapour density:** Not determined.

**Evaporation rate:** Not determined.

**Solubility in / Miscibility with**

**Water:** Fully miscible.

**Partition coefficient (n-octanol/water):** Not determined.

**Viscosity:**

**Dynamic:** Not determined.

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version number 1

Revision: 01.07.2020

**Trade name:** ANTI-FOG KIT**Kinematic:** Not determined.**9.2 Other information** No further relevant information available.

## SECTION 10: Stability and reactivity

**10.1 Reactivity** No data available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored 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** Sulphur oxides (SO<sub>x</sub>)

## SECTION 11: Toxicological information

**11.1 Information on toxicological effects****Acute toxicity****LD/LC50 values:****107-98-2 1-methoxy-2-propanol**

Oral	LD50	5660 mg/kg (rat)
Dermal	LD50	13000 mg/kg (Rabbit)
Inhalative	LC50/4h	6 mg/L (rat)

**577-11-7 docusate sodium**

Oral	LD50	1900 mg/kg (rat)
------	------	------------------

**Primary irritant effect:****on the skin:** No irritant effect known.**on the eye:** Strong irritant with the danger of severe eye injury.**Sensitisation:** No sensitising effects known.**Additional toxicological information:**

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

Irritant

## SECTION 12: Ecological information

**12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**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.**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.

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version number 1

Revision: 01.07.2020

**Trade name:** ANTI-FOG KIT**12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Recommendation:**

Disposal must be made according to official regulations.  
Do not allow product to reach sewage system.

**Uncleaned packaging****Recommendation:**

Disposal must be made according to official regulations.  
Packaging that may not be cleansed must be disposed of in the same manner as the product.

## SECTION 14: Transport information

### 14.1 UN Number

ADR, ADN, IMDG, IATA Not applicable.

### 14.2 UN proper shipping name

ADR, ADN, IMDG, IATA Not applicable.

### 14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA  
Class Not applicable.

### 14.4 Packing group

ADR, IMDG, IATA Not applicable.

### 14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user Not applicable.

### 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

No further relevant information available.

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.

**Relevant phrases**

H226 Flammable liquid and vapour.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H336 May cause drowsiness or dizziness.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 01.07.2020

Version number 1

Revision: 01.07.2020

**Trade name:** ANTI-FOG KIT

Flam. Liq. 3: Flammable liquids, Hazard Category 3  
Acute Tox. 4: Acute toxicity, Hazard Category 4  
Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2  
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1  
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3