

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 14.02.2020

Version number 1

Revision: 14.02.2020

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** Sprays B402 (PACS500), B411 (PACS250), B412 (PACS050)**1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses:** Optical lens cleaner**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Bollé Safety  
34 Rue de la Soie,  
69100 Villeurbanne, France.  
Tel: 00 33 (0)4 78 85 23 64.  
Fax: 00 33 (0)4 78 85 28 56.  
E-mail: [contact@bolle-safety.com](mailto:contact@bolle-safety.com)  
<http://www.bolle-safety.fr>

**1.4 Emergency telephone number(s):**

NHS Direct: 111

National Poisons Information Service (NPIS): 0121 507 4123 (healthcare professionals only).

Ireland - National Poisons Information Centre: 01 837 9964 or 01 809 2566 (healthcare professionals only).

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

This product is not classified as hazardous according to Regulation (EC) No 1272/2008.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008:** Not applicable.**Hazard pictograms:** Not applicable.**Signal word:** Not applicable.**Hazard statements:** Not applicable.**Additional information:**

Contains glutaral, a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one and 2-methyl-2 H -isothiazol-3-one (3:1). May produce an allergic reaction.  
Safety data sheet available on request.

**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:** Not applicable.**Additional information:** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** Seek medical treatment.**After inhalation:** Move patient to fresh air, if symptoms persist consult a doctor.

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Immediately wash with water and soap and rinse thoroughly.  
Remove and rinse contaminated clothing immediately with water.  
If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.  
Get medical attention.

**After swallowing:**

Call for a doctor immediately.  
Never give anything by mouth to an unconscious person.

**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 fire extinguishing methods suitable to surrounding conditions.

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

Formation of toxic gases is possible during heating or in case of fire.

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO<sub>2</sub>)

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

Wear fully protective suit.

Wear self-contained respiratory protective device.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective clothing, gloves, and goggles.

Wear suitable respiratory protection where applicable.

**6.2 Environmental precautions** Do not allow product to reach sewage system or any water course.

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

Dispose of the material collected according to official regulations.

Clean the affected area carefully; suitable cleaners are:

Detergent

Avoid use of solvents

Contain and collect leaks with non-combustible absorbent materials, for example: sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

**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**

Wash hands before breaks and at the end of work.

Immediately remove all soiled and contaminated clothing

**Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.

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### 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:** Not required.

**Further information about storage conditions:** None.

**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:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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

### 8.2 Exposure controls

#### Personal protective equipment

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.



Do not eat, drink and smoke while working.

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with the eyes.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Ensure that washing facilities are available at the work place.

**Respiratory protection:** Not required.

**Protection of hands:**



Chemical resistant protective gloves (EN 374)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/ the chemical mixture.

Select the glove material based on a consideration of the penetration times, rates of diffusion and the degradation.

**Material of gloves:**

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:**

The exact break through time must be determined by the manufacturer of the protective gloves.

**Eye protection:** Goggles recommended during refilling

**Body protection:** Protective work clothing.

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**Trade name:** Sprays B402 (PACS500), B411 (PACS250), B412 (PACS050)**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:** Not determined.**Melting point/freezing point:** Not determined.**Initial boiling point and boiling range:** Not determined.**Flash point:** 93-100 °C**Flammability (solid, gas):** Not determined.**Ignition temperature:** Not determined.**Decomposition temperature:** Not determined.

**Explosive properties:** Product does not present an explosion hazard.  
 Not determined.

**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:** Soluble.**Partition coefficient: n-octanol/water:** Not determined.**Viscosity:****Dynamic:** Not determined.**Kinematic:** Not determined.**Water:** 99.7 %**Solids content:** 5.0 %**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**

Avoid high temperatures.

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Do not freeze.

**10.5 Incompatible materials** No further relevant information available.**10.6 Hazardous decomposition products**

Formation of toxic gases is possible during heating or in case of fire.

Carbon monoxide

Carbon dioxide

**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity** Based on available data, the classification criteria are not met.**Primary irritant effect:****Skin corrosion/irritation:** Based on available data, the classification criteria are not met.**Serious eye damage/irritation:** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation:** Based on available data, the classification criteria are not met.**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):****Germ cell mutagenicity:** Based on available data, the classification criteria are not met.**Carcinogenicity:** Based on available data, the classification criteria are not met.**Reproductive toxicity:** Based on available data, the classification criteria are not met.**STOT-single exposure:** Based on available data, the classification criteria are not met.**STOT-repeated exposure:** Based on available data, the classification criteria are not met.**Aspiration hazard:** Based on available data, the classification criteria are not met.**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.**Additional environmental 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.

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation:**

Do not allow product to reach sewage system.

Do not discharge into drains or the environment.

Disposal must be made in accordance with official regulations.

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

Disposal must be made in accordance with official regulations.

Packaging that may not be cleansed must be disposed of in the same manner as the product.

Container contents should be completely used and containers should be emptied prior to discard.

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### SECTION 14: Transport information

<b>14.1 UN Number</b> ADR, IMDG, IATA	Not applicable.
<b>14.2 UN proper shipping name</b> ADR, IMDG, IATA	Not applicable.
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Not applicable.
<b>14.4 Packing group</b> ADR, IMDG, IATA	Not applicable.
<b>14.5 Environmental hazards</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable.

### SECTION 15: Regulatory information

#### 15.1 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 are listed.

**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.

#### 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)