**Icing spray 400 ml**

**Product description**

BERNER Icing Spray is used for a fast and reliable checking of temperature sensors (bi-metals, PTC

and NTC resistances, etc.) as well as engine parts (carburettors and fuel injection systems). Quick and easy troubleshooting in electronic and electric switches in the case of thermal interruptions thanks to a rapid and effective cooling. For use in the cooling of transistors, resistors and electrical systems. Simplifies assembly of ball bearings, axles, bushes, etc.

**Properties**

* Cools treated parts down to -40 °C.
* Allows a prompt cold indication after the shut-down of equipment.
* Reaches even hard-to-reach spots by a separate extra-long spray tube.
* Suitable for shock freezing of rubber, foils and tacky objects.
* Free of fluorinated greenhouse gases.

**Application**

Spray the surface for a couple of seconds from a short distance.

The cooling effect can be increased or reduced by changing the spray time.

Use the supplied long spray tube for application on hard-to-reach spots.

Note: extreme cooling may lead to breakage of plastic or rubber parts.

**Shelf life and storage**

36 M

Store in original packing between +5 °C and +25 °C.

Shelf life is printed on the product as

ED: DD.MM.YYYY

**Safety**

Please follow notes in the applicable Safety Data Sheet. Safety Data Sheet is available on the Berner Webshop.

01 February 2017

**Technical data (typical values):**

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| --- | --- |
| Base | Propane and butane mixture |
| Physical state | Liquefied gas |
| Colour | Colourless |
| Odour | Odourless |
| Density | 0,5 – 0,58 g/ml |
| Pressure, 20 ºC | 4,8 ± 0,3 bar |
| Application temperature | +5 ºC to +35 ºC |
| Flash Point  | -80 ºC |
| Melting point/freezing point | (-188 -ºC) – (-138 ºC) |

**Note**

The product is flammable

### Please follow the notes on the container and in the applicable MSDS.

**Liability**

The information contained in the technical data sheet is the result of our findings, user-specific experience and expectations. As the operational conditions and fields of application respecting the products vary greatly, we can only give general processing instructions and recommendations by means of these technical data sheets. We provide these instructions and this information to the best of our knowledge and without binding effect, excluding any liability and without any warranty as regards correctness and completeness. The technical data sheets do not represent warranted characteristics, do not involve any ancillary obligation and are of an only facultative nature. Use of these data sheets does not release customers and respective downstream users from performing their own tests and trials concerning the suitability of the products for the intended processes and purposes, and from observing any industrial property rights of third parties.

Relevant standards and technical rules must be complied with. State-of-the-art technology is to be observed when carrying out any coating work and pertaining preparations. The object conditions and product suitability are to be checked in an appropriate and professional manner. With respect to danger warnings and security recommendations, in particular first aid measures, reference is made to the respective container and pack labels and to the relevant security data sheets. The current status of the security data sheets and other documentation can be accessed on the Berner homepage or requested from the responsible Berner company. The technical data sheets may be subject to technical changes, and amendments may be made to the technical data sheets without prior notification. This technical datasheet ceases to be valid upon publication of a new version.