

Ingromat P

Cleaning agent for Wandres cleaning machines

Composition / details of components

Description: Solvent based cleaning agent.

Boiling point:	83 °C (isopropanol)
Flash point:	39 °C (ASTM D 6450) The product does not show any sustained combustion and therefore is categorized as a non flammable liquid.
Risk of explosion:	The product is not potentially explosive, although the formation of potentially explosive vapour/air mixtures is possible.
UEG (35°C):	4.7 % (Vol.)
UEG (with total evaporation; 100°C)	No explosion range
Miscibility with water	Can be mixed completely

Application:

Ingromat P has been specially designed for the use in Wandres cleaning machines. Ingromat P is ideal for the cleaning in the glass and printing industries, but may also be used for the cleaning of a great variety of other types of surfaces. Before Ingromat P is used, its product and process compatibility for the specific application must be checked by the customer. Please heed the current safety data sheet.

Storage:

Shelf life: Provided that storage conditions are observed, the product may be stored **18 months after the date of production.**

Store frost-free. Store in well-sealed, airtight containers in a dry place at room temperature. Protect from heat and direct sunlight. Keep away from potential sources of ignition - do not smoke.

Ensure that the storage location is well ventilated, particularly in the floor area (vapours are heavier than air). Vapours can form an explosive mixture with air.

Personal protective equipment:

For information regarding personal protective equipment and exposure control, please refer to paragraph 8 in the respective valid safety data sheet.

Handling:

The Ingromat P liquid itself is not categorized as a hazardous substance. Ingromat P does not need to be specially labelled. As it contains a substance assigned with an occupational exposure limit value, however, the mixture must be seen as a hazardous substance according to the ordinance of hazardous substances. The operating company there has the obligation to carry out a risk assessment.

Note.

Wandres does not evaluate/analyse whether Ingromat P used in conjunction with the Wandres cleaning equipment and the micro-moistening cleaning process related to this is compatible with all the customer's connected parts or jigs and with the customer's downstream production processes and whether it is compatible with the customer's product that needs to be cleaned. For this reason, no liability can be accepted for property or financial damages caused by incompatibilities of any kind.

- (1) Ingromat P and Ingromat PO have been tested regarding their self-sustained flammability. According to the ADR, they are no dangerous goods and in accordance with the CLP regulation, they are not categorized as dangerous substances. According to CLP regulation (EU) no. 1271/2008 paragraph 2.6.4.5, the following holds true: "Liquids with a flash point > 35° C and no more than 60° C do not need to be assigned to category 3, if the test L.2 regarding self-sustained flammability according to UN recommendations for the transportation of hazardous goods, handbook regarding tests and criteria, part III, paragraph 32, shows a negative result.