1. Identification of the substance/mixture and of company/undertaking

1.1. Product Identification

Product name:	hawo Inktest MAX
Product Number:	6.061.081
REACH No.:	A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

Identified uses:	Healthcare, Food, Pharmaceutical and Medical Industries, CSSD
Manufacturer:	hawo GmbH Obere Au 2-4 74847 Obrigheim, Germany
Phone:	+49 (0) 6261-9770-0
E-Mail:	info@hawo.com
Emergency Call:	+49 (0) 761-19240

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2. Hazards identification

2.1. Classification of the substances or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2. Label elements:

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3. Other hazards: none

The information is based on our present knowledge. It describes our product from the point of view of safety requirements and therefore does not have not the purpose of assuring particular properties.

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3. Composition/information on ingredients

3.1. Composition:

- Indicating solution (Dye):

Typical values:	CAS Number	Measure Units	Test results
Specific weight	-	ml	5 (per unit)
A)Wetting agent: Tergitol 15-S-9	68131-40-8	%	1
B)Indicator dye: Toluidine blue	92-31-9	%	1
C)Demineralized Water	7732-18-5	%	98

3.2. Chemical properties of the surfactant:

Parameter	Value
Surface tension range	30 mN/m – 33 mN/m
Hydrophilic/Lipophilic balance (HLB)	> 10
Critical micelle concentration (cmc)	< 2000 ppm

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4. First-aid Measures

4.1. Description of first aid measures

Inhalation: No data available.
Skin Contact: Wash off with soap and plenty of water.
Eye Contact: Flush eyes with water as a precaution.
Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

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

The most important known symptoms and effects are described in the labelling (see section 2.) and/or in 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

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

5.2. Special hazards arising from the substance or mixture:

No data available

5.3. Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4. Further information

No data available

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6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use gloves in case of spillage.

6.2. Environmental precautions

Do not let product enter drains.

6.3. Methods and materials for containment and cleaning up

Swipe with water. Keep in suitable, closed containers for disposal.

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

For precautions see section 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.

7.3. Specific and use(s)

A part from the uses mentioned in section 1. no other specific uses are stipulated

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8. Exposure controls/personal protection

8.1. Control parameters

Components with workplace control parameters
8.2. Exposure controls

General industrial hygiene practice.

Personal protective equipment
-Eye/face protection:
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. Wash and dry hands.

-Body protection:
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and do the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

-Respiratory protection:
Respiratory protection is not required.
Control of environmental exposure

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9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance :	**Form:** liquid
Odour:	no data available
Odour Threshold:	no data available
pH:	no data available
Melting point/freezing point:	no data available
Initial boiling point and boiling range:	no data available
Flash point:	no data available
Evaporation rate:	no data available
Flammability (solid, gas):	no data available
Upper/lover flammability or explosive limits:	no data available
Vapour pressure:	no data available
Vapour density:	no data available
Relative density:	no data available
Water solubility:	no data available
Partition coefficient:noctanol/water	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available

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Viscosity:	no data available
Explosive properties:	no data available
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	Stable under recommended storage and conditions
10.3.	Possibility of hazardous reactions	No data available
10.4.	Conditions to avoid	No data available
10.5.	Incompatible materials	Strong oxidizing agents
10.6.	Hazardous decomposition products	Other decomposition products- no data available. In the event of fire: see section 5.

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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 sensitisation:	No data available
Germ cell mutagenicity:	-Hamster -Ovary -Cytogenetic analysis
Carcinogenicity:	
IARC:	No component of this product present at levels greater than or equal to 0,1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity:	No data available
Specific target organ toxicity – single exposure:	No data available
Specific target organ toxicity – repeated exposure:	No data available
Aspiration hazard:	No data available

Additional Information:
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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12. Ecological information

12.1.	Toxicity:	No data available
12.2.	Persistence and degradability:	No data available
12.3.	Bioaccumulate potential:	No data available
12.4.	Mobility in soil:	No data available
12.5.	Results of PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
12.6.	Other adverse effects:	No data available

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13. Disposal considerations

13.1. Waste treatment methods

Product: 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

Not restricted for any mode of international transport.
No special safety precautions required (ADR / RID, IMDG or IATA) not dangerous goods.

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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:

For this product a chemical safety assessment was not carried out

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16. Other information

The above information is believed to be correct but does not purport to be all inclusive an shall be used as a guide. This information is based on the present state of knowledge and experience. The safety data sheet to describe the products in regard to safety requirements. The data do not have the importance of property assurances. The user is obliged, before using this product, to make his own tests with the original materials under the actual application conditions. For damages for the purposes for which the product is not provided, we assume no liability. Existing laws and regulations, the beneficiary of our product on its own responsibility to consider.

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