

Document No. S0400
Preparation date: 01/2014

Edition: 1.2
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Print date: 2014-01-20

Commercial Name: **Clock 859**
Art. No. TS5100

1. Substance / Preparation and Company Name

- 1.1 Commercial Name: Clock 859
1.2 Usage: Industrial Use.
1.2 Company:

BULLNHEIMER & CO

GmbH & Co KG

Im Tal 12 · D-86179 Augsburg · Germany
P.O. Box 21 11 48 · D-86171 Augsburg
Phone: +49 (0)821/8 08 50-0
Fax: +49 (0)821/8 08 50-90/-92/-94

1.3 Emergency Call:

E-Mail: info@bullnheimer.de

Internet: <http://www.bullnheimer.de>

2. Possibilities of Risk

- 2.1 Physical and chemical dangers: Not classified as a dangerous product.
2.2 Health dangers: Not classified as a dangerous product.
2.3 Dangers for the environment: Not classified as a dangerous product.

3. Composition / Components

- 3.1 Substance: Preparation:

3.2 Chemical Characterization:

Components	Percentage	CAS-Nr.	Einecs	R-sentences	Symbols
Acrylpolyalkanonate		-	registered	-	-
Different Additives		-	registered	-	-

Classification according to the material guideline RL 67/548/EG, preparing guideline RL 1999/45/EG, and national german right ChemG, GefstoffV., TRGS, latest version.

4. Precautions for First Aid

- 4.1 Contact with Skin: After contact with skin, wash immediately with plenty of water and soap.
4.2 Contact with Eyes: In case of contact with eyes, rinse immediately with plenty of water.
If irritations occur seek medical advice.
4.3 Inhalation: If symptoms occur, remove person to fresh air. If symptoms continue, seek medical advice.
4.4 Ingestion: If swallowed, do not induce vomiting: seek medical advice.

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4.5 Other Information: -

5. Fire Fighting Procedures

- 5.1 Suitable Extinguisher: CO₂ – foam or powder, water spray, alcohol resistant foam.
- 5.2 Unsuitable Extinguisher:
- 5.3 Special Endangering:
Do not empty contaminated water into drains, ground and lakes or rivers.
Remove contaminated water and soil according to local regulations.
- 5.4 Special Protection Equipment:
Wear respiratory equipment. With the thermal decomposition of the polymer poisonous gases develop.

6. Precautions for Uncontrolled Release

- 6.1 Personal Precautions:
Avoid contact with eyes, skin and clothing.
- 6.2 Environmental Protection:
Do not empty the product into drains, ground and waters.
- 6.3 Spill Response:
Cover with inorganic absorbent material. The material must be disposed of as hazardous waste.
- 6.4 Other Information:
-

7. Handling and Storage

- 7.1 Handling:
Keep container tightly closed when not in use. When using this product do not eat, drink or smoke.
- 7.2 Storage:
Keep only in the original container and at room temperature. Avoid contact with oxidizing agent.
Keep away from inflammable materials and fluids. Store larger quantities above collecting dishes.
- 7.3 Determined Use:
No special references.

8. Precautionary Information

- 8.1 Limiting Values:
8.2.1 AWG (threshold limit value): no data available
8.2.2 BWG (biological threshold limit value): no data available
- 8.2 Technical Precautions for the avoidance of the exposition on the job:
No special precautions necessary.
- 8.3 Delimitation and monitoring of the exposition:
8.3.1 Breath Protection
Not necessary at room temperature.

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After work wash hands with water and soap.

Preventive skin protection required - Use protective hand lotion or wear suitable gloves from oil resistant material. Avoid longer and intensive skin contact

Suitable gloves:

Material: Nitrile rubber
Category: III
Thickness: 0,4 mm
Permeation time: Level 4 (> 120 min.)

The data were determined on laboratory conditions. The conditions in practical application can deviate from these, the data can be only a guideline assistance with the selection of the suitable gloves.

Contaminated gloves should be changed as fast as possible.

8.3.3 Eye Protection

Wear eye / face protection, if product may be splashed.

8.3.4 Body Protection

Wear suitable protective clothing.

8.4 Other Information:

Protective measures for chemicals must be noticed.

9. Physical and Chemical Data

9.1	Condition: liquid	Colour: light yellow	Odour: odourless
9.2	Change of Condition:		
	9.2.1 Boiling Point:	-	
	9.2.2 Pourpoint:	< - 30° C (< - 22° F)	
9.3	Flash Point:	270° C (518° F)	ISO 2592
9.4	Ignition Point:	> 300° C (> 572° F)	DIN 51794
9.5	Explosion Limits:		
	lower: not applicable	upper: not applicable	
9.6	Vapour Pressure at 20°C (68° F):	not applicable	
9.7	Density at 20°C (68° F):	0,98 g/cm ³	DIN 51757
9.8	Solubility in H ₂ O at 20°C (68° F):	< 0,1 g/l	
9.9	pH value:	not applicable	
9.10	Viscosity at 20°C (68° F):	150 mm ² /s	DIN 51562
9.11	Other Information:		

10. Stability and Reactivity Data**10.1 Stability:**

No decomposition if the product is handled in conformance with this instructions.

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- 10.2 Dangerous Chemical Reactions:
Avoid contact with oxidizing agent. Keep away from heat and sources of ignition.
- 10.3 Hazardous Decomposition Products:
Incomplete burn or thermal decomposition leads to the formation of smoke, carbon dioxide and carbon monoxide.
- 10.4 Other Information:
-

11. Toxicological Data

Effects after eye contact:
Lightly irritant.

Effects after skin contact:
Lightly irritant.

Effects after inhalation:
High steam concentrations can cause provoking at nose, mouth, throat and breath tract.

Effects when swallowing:
Provoking of mouth, throat and digestive tract.

Acute Oral Toxicity (Base oil):	LD50 > 5000 mg/kg, rat.
Acute Dermal Toxicity (Base Oil):	No data available.
Acute Inhalational Toxicity (Base Oil):	No data available.
Sensitization:	No sensitizing effect admits.
Embryo Toxicity:	No data available.
Mutagenic:	No data available.
Carcinogenic:	No data available.

The toxicological evaluation of this preparation was accomplished with inspection results by similar products.

12. Environmental Information

12.1 Ecological toxicity:

Acute Fish Toxicity:	Oncorhynchus mykiss; EC/LC ₅₀ (96 h): >100 mg/l
Acute Daphnia Toxicity:	No data available.
Alga Toxicity:	No data available.
Bacteria Toxicity:	No data available.

The data of the toxic effect refers to the nominal concentration.

12.2 Mobility:

Mobility in Ground and Water:
No data available.

Environmental Distribution Data:
No data available.

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12.3 Persistence and Degradableness

The product is probably partly or slowly biologically degradable.
BOD28 = 11 % (OECD 301B).

12.4 Biodegradability:

The product is not bioaccumulatable.

12.5 Other harmful effects:

-

12.6 Additional ecological references:

In the case of appropriate handling and use no environmental problems are to be expected.

13. Waste Disposal Information

The allocation of the waste keys is to be accomplished branch and process specifically by the waste producer separately. The indicated waste keys are only recommendations for the disposal of the unmachined product.

13.1 Product:

EWC - Code: (European waste category list): 13 02 06*.
Synthetic machines -, transmission and lubricating oils

13.2 Package:

EWC - Code: (European waste category list): 15 01 10*
contaminated package.

13.3 Other Information:

-

14. Transport Information

14.1 General Information:

U.N. No.:
Packing group:

14.2 Regulations for Transport by Truck or Train: ADR / GGVSE

Classification: Not classified

14.3 International Regulations for Transport by Ship: IMDG / IMO

Classification: Not classified

14.4 National Regulations for Transport by Ship: GGVSee

Classification: Not classified

14.5 International Regulations for Transport by Plane: ICAO und IATA-DGR

Classification: Not classified

14.6 Other Information:

This product is not a dangerous good.

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15. Regulations

15.1 Identification:

Characteristic: The product is classified and characterized according to European Union Guidelines.

Symbols: None.

R-sentences: -

S-sentences: -

15.2 National German Regulations:

References to the restriction of occupation:
None.

Regulations for inflammable products (TRBF):
Not applicable.

Regulations for hazardous products: (TRGS):

-

Technical instructions on air quality control (TA-Luft):

-

Water Endangerment Class:
WGK 1, water-endangering (self classification)

Special Information:

-

16. Additional Information

The information of this Data Sheet represents our best knowledge. This information is for security reasons only and does not contain any characteristic properties guaranteed for a special application. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other products or processes is the responsibility of the user.



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