Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier:

Identification as on the label/Trade name: Cockpit Care Matt
Product number: KC-10.10.050.56, KC-10.10.050.57, KC-10.10.050.58, KC-10.10.050.59, KC-10.10.050.60
EAN: 8682729303840, 8682729303833, 8682729303796, 8682729303802, 8682729303819

1.2 Relevant identification uses of the substance and uses advised against:

Identified uses: Cleaning agent. Other cleaning, care and maintenance products
Uses advised against: No other uses are advised.

1.3 Details of the Supplier of the Safety Data Sheet:

KOCHMAIER
Minervastr. 36
74613 Öhringen
+49-170-290-6038

1.4 Emergency telephone numbers:

24-hour Emergency Contact:
+49-170-290-6038

Section 2: Hazards Identification

2.1 Classification of the substance or mixture:

2.1.1 The mixture is classified according to: Not classified as dangerous according to Regulation (EC) No 1272/2008.

Hazard classes/Hazard categories:
Serious eye damage (Category 1), H318
Skin sensitization (Category 1), H317

2.1.2 Additional information:
For full text of Hazard- and EU Hazard-statements: see Section 16.

2.2 Label elements:

Hazard pictogram(s):

Signal word: Warning.
Hazard statements:
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

Precautionary statements:

Prevention

P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

P280 Wear protective gloves/ eye protection/ face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to in accordance with local/national regulations.

2.3 Other hazards:

No PBT, vPvB or endocrine disrupting substances present in concentrations of >=0.1%

Section 3: Composition/Information on Ingredients

3.1 Substance:

Formula : C7H5NOS
Molecular weight : 151,19 g/mol
CAS-No. : 2634-33-5
EC-No. : 220-120-9
Index-No. : 613-088-00-6

3.2 Mixture:

Substance name (IUPAC/EC)	**CAS-No.** **EC-No.**	**Concentration % by weight**	**SCLs, M-Factors, Acute Toxicity Estimates (ATE)**	**Classification** EC1272/2008
1,2-Benzisothiazolin 3-one	2634-33-5 220-120-9	5 – 10%	Eye Dam. 1; Skin Sens. 1; H318, H317 Concentration limits: >= 0,05 %: Skin Sens. 1,	Serious eye damage, 1 H318 Skin sensitization, 1 H317

For full text of H-statements, see Section 16.

Section 4: First-Aid Measures

4.1 Description of first aid measures:

If inhaled: Move victim into fresh air. Consult a doctor if victim feels unwell.
In case of skin contact: Take off contaminated clothing. Wash off skin with plenty of water before product dries up. Consult a doctor if irritation occurs.
In case of eye contact: Wash out with (lukewarm) water. Remove contact lenses. Consult a doctor if irritation persists.
If swallowed: Do not induce vomiting. Give nothing to drink. Do rinse the mouth. Give condensed milk or a knob of butter. Never give anything by mouth to an unconscious person. Consult a doctor if victim feels unwell.

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

If inhaled: May cause headache, dizziness and a feeling of sickness.

In case of skin contact: May produce an allergic reaction. May cause dry skin.
In case of eye contact: May cause stinging of eyes and redness.
If swallowed: May cause a feeling of sickness, vomiting and diarrhea. May cause lung damage, sore throat and lack of breath.

4.3 Indication of any immediate medical attention and special treatment needed:

Note to physicians: None known.

Section 5: Fire-Fighting Measures

5.1 Extinguisher media:

Suitable extinguisher media: Carbondioxide (CO_2). Foam. Dry chemical. Water fog
Unsuitable extinguishing media: Water jet. Use of heavy stream of water may spread fire.

5.2 Special hazards arising from the mixture:

Special exposure hazards: None known.
Hazardous thermal decomposition products: Carbon monoxide may be evolved if incomplete combustion occurs.

5.3 Recommendations for firefighting personnel:

Special protective equipment for fire-fighters: Use adequate respiratory equipment in case of insufficient ventilation.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:
Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.

6.2 Environmental precautions:
Avoid release of product into sewers, surface water and/or ground water. In case of large spills: contain with dike.

6.3 Methods for containment and cleaning up:
Collect spilled material in containers. Absorb residues in sand or other inert material. Dispose at an authorized waste collection point. Wash away remainder with plenty of water.

6.4 Reference to other sections
See also section 8.

Section 7: Handling and Storage

7.1 Precautions for safe handling:
Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas.
Keep away from sources of ignition — No smoking. Do not breathe vapour. Avoid contact with skin and eyes. Avoid splashing. Wear protective clothing.

7.2 Conditions for safe storage, including incompatibilities:

Storage:	Keep frost-free, in a cool, dry and well-ventilated place. Keep away from oxidizing agents.
Recommended packaging:	Keep only in the original container.
Non recommended: packaging	Steel (except stainless steel). PE and PP.

7.3 Specific end use(s)
Use only as directed. Do not mix with other products.

Section 8: Exposure Controls and Personal Protection

8.1 Control parameters:

Occupational exposure limits: Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
1,2-Benzisothiazol-3(2H)-one	Derma Inhalation Dermal				300 mg/kg bw/day 6.81 mg/m3 0.966 mg/kg bw/day

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
1,2-Benzisothiazol-3(2H)-one	Inhalation Oral Inhalation Dermal				900 mg/m3 300 mg/kg bw/day 1.2 mg/m3 0.345 mg/kg bw/day

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
1,2-Benzisothiazol-3(2H)-one	Water Sediment STP Soil	0.00403 mg/l 0.0499 mg/kg	0.000403 mg/l 0.00499 mg/kg	 1.03 mg/l 3 mg/kg

8.2 Exposure controls:

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Engineering measures: Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Hygienic measures: When using do not eat, drink or smoke

Individual protection measures, such as personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.

Eye/ face protection: Wear appropriate safety glasses when there is danger of possible eye contact.

Hand protection: Under normal conditions of use specific gloves are not required. Wear appropriate gloves in case of frequent or prolonged use and in case of large scale exposure. Suitable material: nitril. ± 0,5 mm. Indication of permeation breakthrough time: 6 hours.

Body protection: Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals.

Respiratory protection: Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Physical state: Liquid.
Colour: Blue.
Odour and odour threshold: Odourless.
pH (concentration): 7,6
Melting point/range (°C): 0 °C
Boiling point/range (°C): 100 °C
Flash point (°C): > 60 °C
Evaporation rate: No data available.
Flammability (solid, gas): No data available.
Upper/lower flammability/explosive limits: No data available.
Vapour pressure: 2300 Pa
Vapour density: > 1 (air = 1)
Relative density (20 °C): 1 g/ml
Water solubility: Soluble.
Solubility in other solvents: No data available.
n-Octanol/Water partition coefficient: No data available.
Auto-ignition temperature: > 180 °C
Decomposition temperature: No data available.
Viscosity, dynamic (mPa.s): No data available.

9.2 Other data:
Not relevant.

Section 10: Stability and Reactivity

10.1 Reactivity: See sub-sections below.
10.2 Chemical stability: Stable under normal conditions.
10.3 Possibility of hazardous reactions: No hazardous reactions known.
10.4 Conditions to avoid: See section 7.
10.5 Incompatible materials: Keep away from oxidizing agents.
10.6 Hazardous decomposition products: Not known.

Section 11: Toxicological Information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008:

No toxicological research has been carried out on this product.

Inhalation

Acute toxicity: Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: < 1 %. ATE: 263,5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause headache, dizziness and a feeling of sickness.

Corrosion/irritation: Not classified - based on available data, the classification criteria are not met.

Sensitisation: Does not contain substances classified as respiratory sensitiser. Not classified - based on available data, the classification criteria are not met.

Mutagenicity: Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Skin contact

Acute toxicity: Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 5000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.

Corrosion/irritation: Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

Sensitisation: May produce an allergic reaction.

Mutagenicity: Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Eye contact

Corrosion/irritation: Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

Ingestion

Acute toxicity: Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: < 1 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.

Aspiration: Viscous emulsion. Contains a substance/substances with an aspiration hazard. Emulsion may break after ingestion. If swallowed, if any of the following delayed signs and symptoms appear within the next 6 hours, transport to the nearest medical facility: fever greater than 38.3° C, shortness of breath chest congestion or continued coughing or wheezing. Highly viscous liquid. Not classified - based on available data, the classification criteria are not met. Contains a substance/ substances with an aspiration hazard. After ingestion, at vomiting, risk of aspiration in the lungs.

Corrosion/irritation: May cause a feeling of sickness, stomachache, vomiting and diarrhoea.

Carcinogenicity: Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.

Mutagenicity: Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Reprotoxicity: Development: Not expected to be reprotoxic. Development: Not classified - Based on available data, the classification criteria are not met. Fertility: Not classified - based on available data, the classification criteria are not met.

Toxicological information:

Chemical name	Property		Method	Test animal
1,2-Benzisothiazol-3(2H)-one	LD50 (oral)	1020 mg/kg bw		Rat
	LC50 (inhalation)	100 mg/m3		Rat
	Skin irritation	Irritant		Rabbit
	Eye irritation	Severely irritant		Rabbit
	Skin sensitization	Sensitizing.	OECD 406	Guinea pig
	NOAEL (oral)	30 mg/kg bw/d	OECD 408	Rat
	Genotoxicity - in vitro	Genotoxic	OECD 473	
	Genotoxicity - in vivo	250 mg/kg bw/d	OECD 474	Mouse
	NOAEL (development, oral)	Not teratogenic		
	NOAEL (fertility, oral)	24 mg/kg bw/d		Rat
	LD50 (dermal)	4115 mg/kg bw		Rat

11.2 Information regarding other hazard classes which relates to endocrine disrupting properties:
Endocrine disrupting properties: Not applicable

Section 12: Ecological Information

12.1 Toxicity: No ecotoxicological research has been carried out on this product.
Ecotoxicity:

Calculated LC50 (fish): 149 mg/l. Calculated EC50 (waterflea): 115 mg/l. Contains 0 % of components with unknown hazards to the aquatic environment. Not classified - based on available data, the classification criteria are not met. May form an oil film on the water surface causing a decline in oxygen content with possible adverse effects for aquatic organisms.

12.2 Persistence and degradability: No specific information known. The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) 648/2004 on detergents.
12.3 Bioaccumulative potential: Contains bioaccumulating substances.
12.4 Mobility in soil: If product enters soil, it will be highly mobile and may contaminate groundwater.
12.5 Results of PBT& vPvB assessment: Does not contain PBT or vPvB substances in concentrations higher than 0,1%.
12.6 Endocrine disrupting properties: Not applicable
12.7 Other adverse effects: Not applicable.

Section 13: Disposal Considerations

13.1 Waste treatment methods:
Product residues: Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as chemical waste. Dispose waste to an official chemical waste depot.
Additional warning: None.
Waste water discharge: Do not dispose of into the environment, drains, sewers or water courses.
Local legislation: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

Section 14: Transport Information

14.1 UN number: None.
14.2 UN proper shipping name: Not regulated.
14.3 Transport hazard class: This product is not classified according to ADR/RID/ADN.
14.4 Packing group: This product is not classified according to IMDG.
14.5 Environmental hazards: This product is not classified according to IATA.
14.6 Special precautions for user: Country specific variations may apply.
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments. Packaged liquids are not considered bulk.

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation for the mixture:

Directive 98/24/CE (Risks related to chemical agents during work)
Directive 2000/39/EC (Occupational exposure limits)
Regulation (EC) 1907/2006 (REACH)
Regulation (EC) 1272/2008 (CLP)
Regulation (EC) 790/2009 (ATP 1 CLP) and (EU) no. 758/2013
Regulation (EU) 2020/878
Regulation (EU) 286/2011 (ATP 2 CLP)
Regulation (EU) 618/2012 (ATP 3 CLP)
Regulation (EU) 487/2013 (ATP 4 CLP)
Regulation (EU) 944/2013 (ATP 5 CLP)
Regulation (EU) 605/2014 (ATP 6 CLP)
Regulation (EU) 1221/2015 (ATP 7 CLP)
Regulation (EU) 918/2016 (ATP 8 CLP)
Regulation (EU) 1179/2016 (ATP 9 CLP)
Regulation (EU) 2017/776 (ATP 10 CLP)
Regulation (EU) 2018/669 (ATP 11 CLP)
Regulation (EU) 2018/1480 (ATP 13 CLP)
Regulation (EU) 2019/521 (ATP 12 CLP)
Regulation (EU) 2020/217 (ATP 14 CLP)
Regulation (EU) 2020/1182 (ATP 15 CLP)
Regulation (EU) 2021/643 (ATP 16 CLP)
ECHA website
RIGOLETTO website (WGK)
IFA GESTIS (OEL) website

SVHC Substances: This product does not contain substances of very high concern above the corresponding legal concentration limit. (≥ 0.1 % w/w) according to EC regulation 1907/2006 (REACH), article 57.

15.2 Chemical Safety Assessment carried out:

No chemical safety assessment has been carried out for the mixture. The Safety Data Sheet incorporates the relevant information on the components of the mixture and, where possible, includes related exposure scenarios.

Section 16: Other Information

Indication of changes: First version.

Relevant classification and H statements (number and full text):
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
Main bibliographical sources:
The results of toxicological studies or their suppliers.
ECHA website, GESTIS website (international exposure limit values), ACGIH (TLV and Bet).
Notice to readers:
The information detailed here is based on our knowledge up to the date indicated above. Refers exclusively to the product indicated and does not constitute a guarantee of particular qualities. The user must ensure the suitability and accuracy of said information in relation to the specific use to be made of the product.
List of abbreviations:
ACGIH American Conference of Governmental Industrial Hygienists
ADR European Agreement Concerning the International Carriage of Dangerous Goods by Road
ALARA As Low As Is Reasonably Achievable
AMU Atomic Mass Unit
ANSI American National Standards Institute
CAM Continuous Air Monitor
CAS Chemical Abstracts Service (division of the American Chemical Society)
CEN European Committee for Standardization
CERCLA Comprehensive Environmental Response Compensation and Liability Act
CLP Classification, Labelling and Packaging (European Union)
CPR Controlled Products Regulations (Canada)
CWA Clean Water Act (USA)
DAC Derived Air Concentration (USA)
DOT United States Department of Transportation (USA)
DSL Domestic Substances List (Canada)
EC50 Half Maximal Effective Concentration
EINECS European Inventory of Existing Commercial Chemical Substances
EHS Environmentally Hazardous Substance
ELINCS European List of Notified Chemical Substances
EMS Emergency Response Procedures for Ships Carrying Dangerous Goods
EPA Environmental Protection Agency (USA)
EPCRA Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986
GHS Globally Harmonized System
HMIS Hazardous Materials Identification System (USA)
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IBC Intermediate Bulk Containers
ICAO International Civil Aviation Organization
IDLH Immediately Dangerous to Life or Health
IMDG International Maritime Code for Dangerous Goods

LC50 Lethal concentration, 50 percent
LD50 Lethal dose, 50 percent
LDLO Lethal Dose Low
LOEC Lowest-Observed-Effective Concentration
MARPOL International Convention for the Prevention of Pollution from Ships
MSHA Mine Safety and Health Administration (USA)
NCRP National Council on Radiation Protection & Measurements (USA)
NDSL Non-Domestic Substances List (Canada)
NFPA National Fire Protection Association (USA)
NIOSH National Institute for Occupational Safety and Health (USA)
NOEC No Observed Effect Concentration
N.O.S. Not Otherwise Specified
NRC Nuclear Regulatory Commission (USA)
NTP National Toxicology Program (USA)
OSHA Occupational Safety and Health Administration (USA)
PBT Persistent Bioaccumulative and Toxic Chemical
PEL Permissible Exposure Limit
PIH Poisonous by Inhalation Hazard
RCRA Resource Conservation and Recovery Act (USA)
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (Europe)
RID Regulations Concerning the International Transport of Dangerous Goods by Rail
RTECS Registry of Toxic Effects of Chemical Substances
SARA Superfund Amendments and Reauthorization Act (USA)
TDG Transportation of Dangerous Goods (Canada)
TIH Toxic by Inhalation Hazard
TLV Threshold Limit Value
TPQ Threshold Planning Quantity
TSCA Toxic Substances Control Act
TWA Time Weighted Average
UN United Nations (Number)
VOC Volatile Organic Compound
vPvB Very Persistent Very Bioaccumulative Chemical
WHMIS Workplace Hazardous Materials Information System