

Version number:	3.2.
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

Identification on the label / trade name: **Meinl Cymbal Cleaner**
Article-No.: **MCCL**

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

Relevant identified: Cleaner

Relevant identified uses: PC35 Washing and cleaning products (including solvent based products)

Product categories [PC] PC35 Washing and cleaning products (including solvent based products)
Process categories [PROC] PROC19 Hand-mixing with intimate contact and only PPE available
Environmental release categories [ERC] ERC8a Wide dispersive indoor use of processing aids in open systems

Article categories [AC]

Uses advised against/Remarks: Note dosage and usage instructions on the product label.

1.3. Details of the supplier of the safety data sheet:

Supplier (manufacturer/importer/downstream user/distributor):

Name:	Roland Meinl Musikinstrumente	Telefon:	0049-(0)9161-788200
	GmbH & Co.KG	Fax:	0049-(0)9161-788225
Address:	Musik-Meinl-Str. 1	Information	
	D-91468 Gutenstetten	contact:	0049-(0)9161-788200
E-Mail:	info@meinlcymbals.com		
E-Mail (competent person):	sdb-service@web.de		

1.4. Emergency telephone number: 0049-89/96290-441

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EUH210 EUH210

2.2. Label elements

Hazard pictograms and Signal word: no hazard pictogram

Signal word: no signal word

Hazard statements:

EUH210 Safety data sheet available on request

Precautionary statements:

P102 Keep out of the reach of children.

2.3. Other hazards:

The mixture does not fulfill the criteria for classification as PBT or vPvB.
This preparation is not classified as hazardous according to Regulation (EC) 1272/2008 [GHS].

Adverse physicochemical effects:

Not known.

Adverse human health effects and symptoms:

Others not known (see 2.2.).

Adverse environmental effects:

See chapter 12. Moreover no other hazards known.

SECTION 3. Composition/information on ingredients

3.1. Substances This product is a mixture with non-hazardous additions.

3.2. Mixtures

Hazardous ingredients

Sulfamidic Acid	EINECS: 226-218-8	Reach-no.: 01-2119488633-28-XXXX	Index-no.: 016-026-00-0	CAS-no.: 5329-14-6
	Concentration: 1-5%			
Regulation (EC) No. 1272 [CLP]		SkinIrrit. 2 H315	Eyelrrit. 2 H319	AquaticChronic 3 H412

2-Propylheptanoethoxylate	EINECS: kA	Reach-no.: Polymer	Index-no.: kA	CAS-no.: 160875-66-1
	Concentration: <0,5%			
Regulation (EC) No. 1272 [CLP]		AcuteTox. 4 oral H302	EyeDam. 1 H318	

(Full text of R-, H- and EUH-phrases: see section 16.)

According Dir. (EG) No. 648/2004:

<1% non-ionic surfactans

Containing allergic substances according to Dir. 2003/15/EC:

Containing preservatives:

SECTION 4: First aid measures

4.1. Description of first aid measures

Following inhalation:

No special measures are necessary.

Following skin contact:

Rinse with lot of water and soap.

Following eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

Following ingestion:

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Do NOT induce vomiting.

If vomiting occurs spontaneously, keep head below the hips.

General informations:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Change contaminated, saturated clothing.

In all cases of doubt, or when symptoms persist, seek medical advice.

Self-protection of the first aider:

No mouth-to-mouth or mouth-to-nose resuscitation. Use Ambu bag or ventilator.

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

Symptoms: if swallowed: Nausea

if swallowed: Pulmonary irritation

Effects: Gastrointestinal disorders

Pneumonia

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

Special treatment:

To supervise the blood circulation.

Treat symptomatically. Antidotal dispensation.

Subsequent observance for pneumonia and lung oedema.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable Extinguishing media: Foam, Extinguishing powder, Carbon dioxide (CO₂), Water mist.

Unsuitable extinguishing media: Strong water jet.

5.2. Special hazards arising from the substance or mixture:

Hazardous combustion products: Nitrogen oxides (NO_x); Carbon monoxide (CO)

5.3 Advice for fire-fighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Do not inhale explosion and combustion gases. Use water spray jet to protect personnel and to cool endangered containers.

Fire class:

Product itself does not burn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Keep unprotected people away and stay on the upwind side. Wear personal protection equipment and see protective measures under point 7 and 8.

6.1.2. For emergency responders
Wear protection outfit (refer to point 8).

6.2. Environmental precautions:

Do not allow to enter into surface water or drains.
Make sure spills can be contained (e.g. sump pallets or kerbed areas).
Clear spills immediately.

6.3. Methods and material for containment and cleaning up

Soak up inert absorbent and dispose as waste requiring special attention.

Suitable material for diluting or neutralizing:
Suitable material for taking up:

Water. Wash small quantities (< 1 liter) with plenty of water
Universal binder

6.4. Reference to other sections

Refer to section 8 and section 13

Clear spills immediately.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1. Recommendations

(a) safe handling:

No special technical protective measures are necessary. Wear personal protective clothing (see chapter 8).

Specific requirements or handling rules: No special measures

Measures to prevent fire as well as aerosol and dust generation:

No special measures

(b) prevent handling of incompatible substances or mixtures:

Do not mix with: other cleaners

Keep away from: other cleaners

The product is: Not flammable

(c) operations and conditions which alter the properties of the mixture

No special measures are necessary.

(d) Measures that prevent the release into the environment:

See chapter 8.

Ventilation: No special measures

Clean floors and contaminated objects with: Water

7.1.2. Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas and wash hands after use.
Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: No special measures are necessary.

Packaging materials: Polyethylene (PE)

Requirements for storage rooms and vessels:

Suitable material for vessels: Polyethylene (PE)

Suitable material for floors: Material, cleaner-resistant

Further storage conditions: Floors should be impervious, resistant to liquids and easy to clean

Hints on joint storage:

Do not store together with: Food and feedingstuffs

Further information on storage conditions:

Protect against: No special measures are necessary.

Storage: Keep in the original container.

Storage temperature: Frost-free between +1 up to +35 °C

Maximum period of storage (time): 36 month

Storage class: Non-combustible liquids - Storage Class 12

7.3 Specific end uses

Recommendations: Observe instructions for use.

Industrial sector specific solutions: Giscode:

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit no

DNEL-values:

Sulfamidic Acid

CAS-Nr.: 5329-14-6

Acute – inhalation, systemic effects, workers mg/m³: no data
 Acute – dermal, local effects, workers mg/cm²: no data
 Acute – inhalation, local effects, workers mg/m³: no data
 Long-term – dermal, systemic effects, workers mg/kg/bw/day: no data
 Long-term – inhalation, systemic effects, workers mg/m³: 70,5
 Long-term – oral, systemic effects, workers mg/kg/bw/day: no data
 Long-term – dermal, local effects, workers mg/kg/bw/day: 10
 Long-term – inhalation, local effects, workers mg/m³: no data

Acute – inhalation, systemic effects, general population mg/m³: no data
 Acute – dermal, local effects, general population mg/kg/bw/day: no data
 Acute – inhalation, local effects, general population mg/m³: 17,4
 Long-term – dermal, systemic effects, general population mg/kg/bw/day: 5
 Long-term – inhalation, systemic effects, general population mg/m³: no data
 Long-term – oral, systemic effects, general population mg/kg/bw/day: 5
 Long-term – dermal, local effects, general population mg/kg/bw/day: no data
 Long-term – inhalation, local effects, general population mg/m³: no data

2-Propylheptanoethoxylate

CAS-Nr.: 160875-66-1

Acute – inhalation, systemic effects, workers mg/m³: no data
 Acute – dermal, local effects, workers mg/cm²: no data
 Acute – inhalation, local effects, workers mg/m³: no data
 Long-term – dermal, systemic effects, workers mg/kg/bw/day: no data
 Long-term – inhalation, systemic effects, workers mg/m³: no data
 Long-term – oral, systemic effects, workers mg/kg/bw/day: no data
 Long-term – dermal, local effects, workers mg/kg/bw/day: no data
 Long-term – inhalation, local effects, workers mg/m³: no data

Acute – inhalation, systemic effects, general population mg/m³: no data
 Acute – dermal, local effects, general population mg/kg/bw/day: no data
 Acute – inhalation, local effects, general population mg/m³: no data
 Long-term – dermal, systemic effects, general population mg/kg/bw/day: no data
 Long-term – inhalation, systemic effects, general population mg/m³: no data
 Long-term – oral, systemic effects, general population mg/kg/bw/day: no data
 Long-term – dermal, local effects, general population mg/kg/bw/day: no data
 Long-term – inhalation, local effects, general population mg/m³: no data

PNEC-values:

Sulfamidic Acid

CAS-Nr.: 5329-14-6

fresh water mg/l: 1,8
 sediment fresh water mg/kg: 8,36
 marine water mg/l: 0,18
 sediment marine water mg/kg: 0,84

food chain mg/kg: no data
 STP mg/l: 20
 dw (soil) mg/kg: 5
 air: no data

2-Propylheptanoethoxylate

CAS-Nr.: 160875-66-1

fresh water mg/l: no data
 sediment fresh water mg/kg: no data
 marine water mg/l: no data
 sediment marine water mg/kg: no data

food chain mg/kg: no data
 STP mg/l: no data
 dw (soil) mg/kg: no data
 air: no data

8.2 Exposure controls

8.2.1. Appropriate engineering controls

No special measures are necessary.

8.2.2. Individual protection measures, such as personal protective equipment

(a) Eye/face protection

Eye protection:

Danger of dashes: Eye glasses with side protection.

Protective clothing:

No special measures are necessary. Remove contaminated, saturated clothing.

(b) Skin protection

Hand

protection:

Suitable material:
 NBR (nitrile rubber).
 FKM (fluoro rubber).

Unsuitable material:

Thick fabric.
 Chromate-free leather.

Breakthrough time (maximal wear duration): > 480 min (DIN EN 374)

Thickness of the glove material: > 0,5 mm

Additional hand protection measures:

Use gloves if contact with the concentrated product occurs, after handling the diluted product wash hands immediately and put some creme on.

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

(c) Respiratory protection

Respiratory protection:

In case of good ventilation no personal respiratory protective is necessary.

(d) Thermal hazards

If the product is used in the usual way no thermal hazards will occur.

General health and safety measures:

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

When using do not eat, drink, smoke, sneeze. Avoid contact with skin, eye and clothing.

Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

8.2.3. Environmental exposure controls

Product related measures to prevent exposure

No special measures. Use only for the purposes indicated on the label.

Instructional measures to prevent exposure

No special measures. Use only for the purposes indicated on the label.

Organisational measures to prevent exposure

Ensure possibility to inspect this safety data sheet.

Technical measures to prevent exposure

See chapter 7. No additional measures necessary.

SECTION 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties for the whole mixture

(a) Appearance:	<u>physical state:</u>	Liquid	Colour:	colourless	clear
(b) Odour:	faint				
(c) Odour threshold:	Not applicable				
(d) pH (as supplied):	ca. 3				
(e) Melting point:	not applicable	freezing point:	-----		
(f) Initial boiling point and boiling range:	> 100°C				
(g) Flash point:	n.a.				
(h) Evaporation rate:	No data available				
(i) Flammability (solid, gas):	Not flammable				
(j) Upper/lower flammability or explosive limits:					
	Lower explosion limit (Vol-%):	No data available			
	Upper explosion limit (Vol-%):	No data available			
(k) Vapour pressure:	No data available				
(l) Vapour density:	No data available				
(m) Relative density:	ca. 1,01				
(n) Water solubility(ies):	Miscible.				
(o) Partition coefficient: n-octanol/water:	No data available				
(p) Auto-ignition temperature:	No data available				
(q) Decomposition temperature:	No data available				
(r) Viscosity (kinematic):	< 10 mm ² /s				
(s) Explosive properties:	No data available				
(t) Oxidising properties:	No data available				

9.2 Other information

No further parameters necessary.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

The product is chemically stable under normal ambient conditions (temperature).

10.3 Possibility of hazardous reactions

If it is used in the usual way, no hazardous reactions are expected.

10.4 Conditions to avoid

If it is used in the usual way, not known

10.5 Incompatible materials

Not known.

10.6 Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

(a) acute toxicity:
substance:

relevant LD/LC₅₀-Values (mg/Liter)

Substance name	oral toxicity	dermal toxicity	inhalative toxicity
Sulfamidic Acid	2140	>2000	keiner
2-Propylheptanoethoxylate	700	>2000	kA

Data according to the technical substances.

mixture

<u>ATEmix Oral</u>	>2000 no classification	<u>ATEmix Dermal</u>	>2000 no classification	<u>ATEmix Inhalativ</u>	>5 no classification
<u>LD 50:</u>	-----	<u>LD 50:</u>	-----	<u>LD 50:</u>	-----

calculation, 1272/2008 Teil 3 3.1.2. Tab 3.1.1)

(b) skin corrosion/irritation: non-irritant.

(c) serious eye damage/irritation: non-irritant.

(d) respiratory or skin sensitisation:

In case of skin contact: not sensitising.

In case of inhalation: not sensitising.

(e) germ cell mutagenicity: based on available data, the classification criteria are not met

(f) carcinogenicity: based on available data, the classification criteria are not met

(g) reproductive toxicity: based on available data, the classification criteria are not met

(h) STOT-single exposure: based on available data, the classification criteria are not met

(i) STOT-repeated exposure: based on available data, the classification criteria are not met

(j) aspiration hazard: no aspiration hazard

SECTION 12: Ecological information

12.1 Toxicity:

Aquatic toxicity

Substance name	LC 50-Value Fish	LC 50-Value Daphnie	LC 50-Value Bacteria	Regulation of Exposure
Sulfamidic Acid	70,3 mg/Liter (Pimephales promelas)	kA	> 1000 mg/Liter	
2-Propylheptanoethoxylate	> 10 mg/Liter (Oncorhynchus mykiss)	> 10 mg/Liter (Daphnia Magna)	> 10 mg/Liter (Scenedesmus subspicatus)	

Data according to the technical substances.

12.2 Persistence and degradability

Physicochemical and photo-chemical elimination: No data known.

Biodegradation: Part of the components is biodegradable.

12.3 Bioaccumulative potential: Does not accumulate in organisms.

12.4 Mobility in soil: No data known.

12.5 Results of PBT assessment:

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

12.6 Other adverse effects:

No other datas known.

Additional ecotoxicological information

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. Do not allow uncontrolled discharge of product into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

(a) Containers and methods including the appropriate methods of waste treatment

Waste disposal according to EC-regulation 2008/98/EG in the corresponding versions, covering waste and dangerous waste.

Mixture and packaging waste treatment:

Waste codes / waste designations according to EAK/AVV:

07 06 01

or

20 01 30 cleaners which are not classified 20 01 29

Packaging disposal:

Delivery to an approved waste disposal company.

(b) Physical/chemical properties that may affect waste treatment options:

section 9

(c) Sewage disposal: No Sewage disposal

(d) Additional information:

Do not mix with other wastes.

SECTION 14: Transport information

14.1 UN number

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

Class: none

Classification code: no

14.4 Packing group:

Tunnel restriction code: no

14.5 Environmental hazards:

ADR no

IMDG no

Marine pollutant: no

EMS-Nummer: no

IATA: no

14.6 Special precautions for user: none

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code: not applicable

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations:

Regulation (EG) Nr. 648/2004 (Detergents Regulation): The product fulfills the criteria defined in Regulation (EC) No. 648/2004

SVHC candidate list in accordance with the REACH Regulation Article 59 of the publication date of this material safety data sheet: no impurities > 0,1%

National regulations:

The employment prohibition for the working mothers and working adolescents are to be observed.

Water hazard class (WGK): WGK 1 Weakly water-endangering.

Technische Anleitung Luft (TA-Luft): No subject to TA-Luft.

VOC-value (in g/l): 0 g/Liter (calculated)

15.2 Chemical Safety Assessment:

This mixture was not subjected to a chemical safety assessment.

SECTION 16: Other Disclosures

(a) Revision of the safety data sheet

This safety data sheet is a rebuild and has been completely redesigned. Therefore, no changes to the previous version is marked.

(b) Abbreviations and acronyms used in the safety data sheet

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
BImSchV	Immission Control
CAS	Chemical Abstracts Service
CLP	Regulation on Classification, Labelling and Packaging of Substances and Mixtures
DNEL	Derived No-Effect Level (REACH)
DIN	German Institute for Standardization
EAK/AVV	European Waste Catalogue / List of Wastes Ordinance
EINECS	European Inventory of Existing Commercial Chemical Substances
EG	European Community
EMS	Emergency Schedule
GGVS	Regulation dangerous goods road
IATA-DGR	International Air Transport Association-Dangerous Goods Regulations
IMDG-Code	International Maritime Code for Dangerous Goods
LC	Letale Concentration
LD	Letale Dosis
PBT	Persistent, bioaccumulative, toxic
PCB	Polychlorierte Biphenyle
RID	Regulations concerning the International Carriage of Dangerous Goods
UN	United Nations (Vereinte Nationen)
VOC	Volatile Organic Compounds (flüchtige organische Verbindungen)
vPvB	very persistent and very bioaccumulative
WGK	Water hazard class
n.a.	inapplicable
k.A.	no details available

(c) Key literature references and sources for data

The raw data shown are based on the information of suppliers and/or on information from the literature and/or on the data of ECHA (<http://echa.europa.eu/>)

(d) Regulations

REGULATION (EC) No. 1907/2006, including the last revised Regulation valid at the time of issue of the safety data sheet

Regulation (EC) No 1272/2008, including the last revised Regulation valid at the time of issue of the safety data sheet

(e) Hazards identification refer to section 2 to 15

According regulation (EC) Nr. 1272/2008:

mixture:

EUH210	EUH210	Sicherheitsdatenblatt auf Anfrage erhältlich	Safety data sheet available on request
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Technical active ingredient:

SkinIrrit. 2	H315	Skin irritation category 2	Causes skin irritation.
EyeIrrit. 2	H319	Eye irritation category 2	Causes serious eye irritation.
AquaticChronic 3	H412	Hazardous to the aquatic environment chronic category 3	Harmful to aquatic life with long lasting effects.
AcuteTox. 4 oral	H302	Acute Toxicity category 4 (oral)	Harmful if swallowed.
EyeDam. 1	H318	Serious eye damage category 1	Causes serious eye damage.

Method according to article 9 of the regulation (EC)1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

(f) Training appropriate for workers to ensure protection of human health and the environment:

Instructions about hazards and safety measures should be given once a year or in the beginning of the work. The content and timing of the training should be in writing and confirmed by the instructed by signature. Observe retention period of the evidence.

Recommended restrictions on use:

none

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.