

Version number:	5.0.	This safety data sheet replaces version	4.0.1.	dated:	04.05.21
Date of issue:	28.12.2023				
Revision:	28.12.2023				

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

Identification on the label / trade name: **Sonic Energy Handpan Cleaner**
Article-No.: HPC
UFI: YQN1-V091-Q009-197A

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

Relevant identified: Cleaner

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:	MEINL Sonic Energy	Telefon:	0049-(0)9161-788200
	Roland Meinl Musikinstrumente GmbH&Co.KG	Fax:	0049-(0)9161-788225
Address:	Musik-Meintl-Str. 1	Information	
	D-91468 Gutenstetten	contact:	0049-(0)9161-788200
E-Mail:	info@meinlsonicenergy.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

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:

It does not contain any substances in concentrations > 0.1% that meet the criteria for classification as PBT, vPvB or have endocrine disrupting properties.

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:

Not known.

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

Composition / information on components and / or substances with prescribed EC limit values

Name:	Propan-2-ol	Regulation (EC) No. 1272 [CLP]	Specific concentration limits
Concentration:	1-5%	FlamLiq. 2 H225	STOT Single 3; H336; C ≥ 20 %
EINECS:	200-661-7	Eyelrrit. 2 H319	
CAS-no.:	67-63-0	STOT SE 3 H336	
Reach-no.:	01-2119457558-25-XXXX		
Index-no:	603-117-00-0		
M-factor (acute):	-		
M-factor (chr.):	-		

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

6.3.1. Appropriate advice on how to contain a spill:

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

6.3.2. Appropriate advice on how to clean-up a spill:

Suitable material for diluting or neutralizing: Water. Wash small quantities (< 1 liter) with plenty of water
Suitable material for taking up: Universal binder

6.3.3 Advice on inappropriate containment or clean-up techniques: no

6.4. Reference to other sections

Refer to section 8 and section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

7.1.1. Recommendations

(a) safe handling:

No special handling advices are necessary.

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

(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:

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.

7.2. Conditions for safe storage, including any incompatibilities

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

Packaging materials: Polypropylene

Requirements for storage rooms and vessels:

Suitable material for vessels: Refined steel

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: No storage class.

7.3 Specific end uses

Recommendations: Observe instructions for use.

Industrial sector specific solutions: Giscode: none

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limit

Substance identity

Substance name	CAS-Nr.	specification	Exposure limit		Peak	Remarks:
			ml/m3 (ppm)	mg/m3		
Propan-2-ol	67-63-0	TGRS900 AGW	200	500	2 (II)	DFG, Y
2-Phenoxyethanol	122-99-6	AGW,TRGS900	1	5,7	1(I)	DFG; Y, 11

DNEL-values:

Propan-2-ol

CAS-Nr.: 67-63-0

Workers-Hazard via inhalation route Systemic effects Long term exposure mg/m³: 500

Acute/short term exposure mg/m³:

Workers - Hazard via inhalation route Local effects Long term exposure mg/m³:

Acute/short term exposure mg/m³:

Workers-Hazard via dermal route Systemic effects Long term exposure mg/kg bw/day: 888

Acute/short term exposure mg/kg bw/day:

Workers - Hazard via dermal route Local effects Long term exposure mg/kg bw/day:

Acute/short term exposure mg/kg bw/day:

Workers-Hazard for the eyes Local effects:

General Population-Hazard via inhalation route Systemic effects Long term exposure mg/m³: 89

Acute/short term exposure mg/m³:

General Population-Hazard via inhalation route Local effects Long term exposure mg/m³:

Acute/short term exposure mg/m³:

General Population-Hazard via dermal route Systemic effects Long term exposure mg/kg bw/day: 319

Acute/short term exposure mg/kg bw/day:

General Population-Hazard via dermal route Local effects Long term exposure mg/kg bw/day:

Acute/short term exposure mg/kg bw/day:

General Population-Hazard via oral route Systemic effects Long term exposure mg/kg bw/day: 26

Acute/short term exposure mg/kg bw/day:

General Population-Hazard for the eyes Local effects:

2-Phenoxyethanol

CAS-Nr.: 122-99-6

Workers-Hazard via inhalation route Systemic effects Long term exposure mg/m³: 5,7

Acute/short term exposure mg/m³: nhi

Workers - Hazard via inhalation route Local effects Long term exposure mg/m³: 5,7

Acute/short term exposure mg/m³: nhi

Workers-Hazard via dermal route Systemic effects Long term exposure mg/kg bw/day: 20,83

Acute/short term exposure mg/kg bw/day: nhi

Workers - Hazard via dermal route Local effects Long term exposure mg/kg bw/day: nhi

Acute/short term exposure mg/kg bw/day: nhi

Workers-Hazard for the eyes Local effects: nhi

General Population-Hazard via inhalation route Systemic effects Long term exposure mg/m³: 2,41

Acute/short term exposure mg/m³: nhi

General Population-Hazard via inhalation route Local effects Long term exposure mg/m³: nhi

Acute/short term exposure mg/m³: nhi

General Population-Hazard via dermal route Systemic effects Long term exposure mg/kg bw/day: 10,42

Acute/short term exposure mg/kg bw/day: nhi

General Population-Hazard via dermal route Local effects Long term exposure mg/kg bw/day: nhi

Acute/short term exposure mg/kg bw/day: nhi

General Population-Hazard via oral route Systemic effects Long term exposure mg/kg bw/day: 9,23

Acute/short term exposure mg/kg bw/day: 9,23

General Population-Hazard for the eyes Local effects: nhi

PNEC-Values:

Propan-2-ol

CAS-Nr.: 67-63-0

fresh water mg/l: 140,9

sediment fresh water mg/kg: 552

marine water mg/l: 140,9

sediment marine water mg/kg: 552

food chain mg/kg: 160

STP mg/l: 2251

dw (soil) mg/kg: 28

air: no data

2-Phenoxyethanol

CAS-Nr.: 122-99-6

fresh water mg/l: 0,943

sediment fresh water mg/kg: 7,2366

marine water mg/l: 0,0943

sediment marine water mg/kg: 0,7237

food chain mg/kg: no potential for bioaccumulation

STP mg/l: 36

dw (soil) mg/kg: 1,31

air: nhi

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:

not required.

(b) Skin protection

i) Hand

protection:

No hand protective necessary, after handling the concentrated product wash hands immediately and put some creme on

Breakthrough time (maximal wear duration):

Thickness of the glove material:

ii) Additional hand protection measures:

not required.

(c) Respiratory protection

Respiratory protection:

No personal respiratory protective equipment required.

(d) Thermal hazards

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

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) Physical state: Liquid (b) Colour: milky
 (c) Odour: fresh
 (d) Melting point: <0°C freezing point: 0°C
 (e) Boiling point or initial boiling point and boiling range > 100°C
 (f) Flammability (solid, gas): Not flammable
 (g) Upper/lower flammability or explosive limits:
 Lower explosion limit (Vol-%): no data available
 Upper explosion limit (Vol-%): no data available
 (h) Flash point: > 80°C
 (i) Auto-ignition temperature: No data available
 (j) Decomposition temperature: No data available
 (k) pH (as supplied): ca. 8
 (l) Viscosity (kinematic): < 10 mm²/s
 (m) Water solubility(ies): complete miscible
 (n) Partition coefficient n-octanol/water (log value): No data available
 (o) Vapour pressure: 48hPa
 (p) Density and/or relative density: ca. 1,0
 (q) Relative vapour density: No data available
 (r) Particle characteristics: Only apply to solids.

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

Not known.

10.4 Conditions to avoid

If it is used in the usual way, no hazardous reacti

10.5 Incompatible materials

Oxidising agent

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 hazard classes as defined in Regulation (EC) No 1272/2008

(a) acute toxicity:

substance:

relevant LD/LC₅₀-Values (mg/Liter)

Substance name	oral toxicity	dermal toxicity	inhalative toxicity
Propan-2-ol	5840	13900	25
2-Phenoxyethanol	2740	2214	1000

Data according to the technical substances.

mixture

ATEmix Oral >2000 no classification ATEmix Dermal >2000 no classification ATEmix Inhalative (vapour) >20 = no classification

LD 50: ----- LD 50: ----- LD 50: -----

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

11.2 Information on other hazards
 11.2.1. Endocrine disrupting properties: The mixture does not contain substances in concentrations > 0.1 % which have endocrine-disrupting properties.
 11.2.2. Other information: No data available

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
Propan-2-ol	> 9640 mg/l (LC50, 48h)(Leuciscus Idus)	> 10000 mg/l (EC50, 24h) (Daphnia Magna)	1800 (LC3, 7d) (scenedemus quadricanda)	readily biodegradable BOD 5, ThOD
2-Phenoxyethanol	344 mg/l (LC50, 96h)(Pimephales promelas)	>500 mg/l (Daphnia magna, OECD 202, 48h)	625 mg/l (Desmodesmus subspicatus, 72h, ErC50)	98%, OECD 301A

Data according to the technical substances.

12.2 Persistence and degradability

Physicochemical and photo-chemical elimination: No data known.
 Biodegradation: The individual components of the product are biodegradable.

12.3 Bioaccumulative potential and 12.4 Mobility in soil

Name	12.3 Bioaccumulative potential		12.4 Mobility in soil
	octanol-water partition coefficient (Kow)	bioconcentration factor (BCF)	soil adsorption coefficient (Koc)
Propan-2-ol	0,05	0,181760432	kA
2-Phenoxyethanol	1,2	2,022976119	40,74

12.5 Results of PBT assessment:

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

12.6 Endocrine disrupting properties:

The product does not contain any substances with endocrine-disrupting properties.

12.7. Other adverse effects

Additional ecotoxicological information:
 No other datas known.

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 Wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and or
 20 01 30 Separately collected fractions – detergents other than those mentioned in 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) Special precautions:

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:

Classification code:

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.

VOC-value (in g/l): 29 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
lh	low hazard
mh	medium hazard
nhi	no hazard identified
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
keiner	data scientifically not necessary/practicable
k.A.	no details available or inconclusive
hu	hazard unknown

(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:

FlamLIq. 2	H225	Flammable liquid category 2	Highly flammable liquid and vapour.
EyeIrrit. 2	H319	Eye irritation category 2	Causes serious eye irritation.
STOT SE 3	H336	Specific target organ toxicity, single exposure category 3	May cause respiratory irritation.
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:



Notice the directions for use on the label.

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.