

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

1.1 Product identifier

Trade name: ANTISOIL

Art.Nr.: 1005172

UFI: 1URY-KOYN-N82U-ENKO

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

Product category PC35 Washing and cleaning products (including solvent based products)

Process category

PROC8a Transfer of substance or mixture (charging and discharging) at non-dedicated facilities

Environmental release category

ERC8a Widespread use of non-reactive processing aid (no inclusion into or onto article, indoor)

Application of the substance / the mixture Cleaner, Only for professional use.

Uses advised against No further relevant information available

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

TÜCHLER Bühnen- & Textiltechnik GmbH

Rennbahnweg 78

A-1220 Wien

Tel.: +43 (0)1 400 10

Further information obtainable from:

Emergency telephone number:

Vergiftungsinformationzentrale der Gesundheit Österreich GmbH: +43 (0)1 406 43 43

Product safety: Tel.: +43 (0)1 400 10 33 - safety@tuechler.net

2 SECTION: Hazards identification

2.1 Classification of the substance or mixture -- Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1

H318 Causes serious eye damage



GHS07

Skin Irrit. 2

H315 Causes skin irritation.

Skin Sens. 1

H317 May cause an allergic skin reaction.

Aquatic Chronic 3

H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07



GHS05

Signal word **Danger**

Hazard-determining components of labelling:

Alcohols, C12-14, ethoxylated

Orange juice oil

2-aminoethanol

Preservatives (METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)

Hazard statements

H315

Causes skin irritation.

H318

Causes serious eye damage.

H317

May cause an allergic skin reaction.

H412

Harmful to aquatic life with long lasting effects.

Precautionary statements

P260

Do not breathe mist/vapours/spray.

P280

Wear protective gloves / eye protection.

P303+P361+P353

IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water [or shower].

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER/doctor.

P304+P340

IF INHALED: Remove person to fresh air and keep comfortable for

breathing

P501

Dispose of contents/container in accordance with

local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

Determination of endocrine-disrupting properties














The substance/mixture does not contain any components in quantities of 0.1% or more that exhibit endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605.

3 SECTION: Composition/information on ingredients

3.1 Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

CAS: 68439-50-9 NLP: 500-213-3 Reg.nr.: 01-2119487984-16	Alcohols, C12-14, ethoxylated  Eye Dam. 1, H318  Aquatic Acute 1, H400  Acute Tox. 4, H302	10 - < 15%
CAS: 141-43-5 EINECS: 205-483-3 Index number: 603-030-00-8 Reg.nr.: 01-2119486455-28	2-aminoethanol  Skin Corr. 1B, H314; Eye Dam. 1, H318  Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; STOT SE 3, H335 Aquatic Chronic 3, H412 Specific concentration limit: STOT SE 3; H335: C ≥ 5 %	1 - < 2,5%
CAS: 8028-48-6 EINECS: 232-433-8 Reg.nr.: 01-2119493353-35	Orange juice oil Consisting of: 5989-27-5 LIMONENE (≥ 93%); 78-70-6 Linalool (< 1%)  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; Skin Sens. 1, H317	1 - < 2.5%
CAS: 55965-84-9 Index number: 613-167-00-5 Reg.nr.: 01-2120764691-48	Preservatives (METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)  Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 3, H331  Skin Corr. 1C, H314  Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)  Skin Sens. 1A, H317 EUH071	0,0015 - < 0,01%

	<p>Specific concentration limits:</p> <p>Skin Corr. 1C; H314: C ≥ 0.6 %</p> <p>Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 %</p> <p>Eye Dam. 1; H318: C ≥ 0.6 %</p> <p>Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 %</p> <p>Skin Sens. 1A; H317: C ≥ 0.0015 %</p>	
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Regulation (EC) No 648/2004 on detergents / Labelling for contents

<i>non-ionic surfactants</i>	≥ 5 - < 15%
<i>phosphates</i>	< 5%

perfumes (Citrus Aurantium Peel Oil), colouring agent

Additional information: For the wording of the listed hazard phrases refer to section 16.

4 SECTION: First aid measures

4.1 Description of first aid measures

General information: Immediately remove any clothing soiled by the product

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation

After skin contact:

Wash off immediately with soap and water and rinse thoroughly. Consult a doctor if irritation persists.

After eye contact:

ARinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing: If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

In case of symptoms or in case of doubt seek medical advice.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 SECTION: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

5.3 Advice for firefighters

Fire-fighting water must not get into the sewage system, underground or water. Provide sufficient water retention options. Fire residues and contaminated extinguishing water must be disposed of in accordance with the local official regulations.

Protective equipment::

Wear full protective suit with self-contained breathing apparatus.

Mouth respiratory protective device.

See section 8 for personal protection information.

6 SECTION: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Particular danger of slipping on leaked/spilled product.

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions:

Inform respective authorities in case of seepage into water course or sewage system.

Dilute with plenty of water.

6.3 Methods and material for containment and cleaning up:

Use neutralising agent.

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 SECTION: Handling and storage

7.1 Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about fire - and explosion protection: Keep respiratory protective device available.

7.2 Conditions for safe storage, including any incompatibilities: Store cool and dry in tightly closed containers.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep container tightly sealed

7.3 Specific end use(s) No further relevant information available.

8 SECTION: Exposure controls/personal protection

8.1 Control parameters:

Ingredients with limit values that require monitoring at the workplace:

141-43-5 2-aminoethanol (1 - < 2,5%)

IOELV Short-term value: 7.6 mg/m³, 3 ppm

Long-term value: 2.5 mg/m³, 1 ppm Skin

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls: No further data; see section 7.

Individual protection measures, such as personal protective equipment

General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device..

Protective gloves:



Wear protective gloves according to EN 374.

Skin protection creams do not provide as effective protection as protective gloves. Therefore, suitable protective gloves should be preferred as much as possible.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the Degradation

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material: *See material of gloves.*



Eye/face protection
Tightly sealed goggles

Body protection: *Protective work clothing*

9 SECTION: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state	Fluid
Colour:	Yellow
Odour:	Lemon
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	100 °C (7732-18-5 water, distilled, conductivity or of similar purity)
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	> 100 °C
Decomposition temperature:	Not determined.
pH at 20 °C	10,5
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic at 20 °C:	100 mPas
Solubility	
water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa
Density and/or relative density	
Density at 20 °C:	1.024 - 1.034 g/cm ³
Relative density	Not determined..
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	<i>Product is not selfigniting.</i>
Explosive properties:	<i>Product does not present an explosion hazard</i>
Solvent content:	

Organic solvents:	1,8 %
Water:	80,1 %
VOC (EU)	1,82 %
Solids content:	3,2 %
Change in condition	
Evaporation rate	<i>Not determined.</i>
Information with regard to physical hazard classes	
Explosives	<i>Void</i>
Flammable gases	<i>Void</i>
Aerosols	<i>Void</i>
Oxidising gases	<i>Void</i>
Gases under pressure	<i>Void</i>
Flammable liquids	<i>Void</i>
Flammable solids	<i>Void</i>
Self-reactive substances and mixtures	<i>Void</i>
Pyrophoric liquids	<i>Void</i>
Pyrophoric solids	<i>Void</i>
Self-heating substances and mixtures	<i>Void</i>
Substances and mixtures, which emit flammable gases in contact with water	<i>Void</i>
Oxidising liquids	<i>Void</i>
Oxidising solids	<i>Void</i>
Organic peroxides	<i>Void</i>
Corrosive to metals	<i>Void</i>
Desensitised explosives	<i>Void</i>

10 SECTION: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials:

No further relevant information available.

10.6 Hazardous decomposition products:

No dangerous decomposition products known.

11 SECTION 11: Toxicological information

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

Acute toxicity: Based on available data, the classification criteria are not met.

Skin corrosion/irritation:

Causes skin irritation.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity:

Based on available data, the classification criteria are not met.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

STOT-single exposure:

Based on available data, the classification criteria are not met.

STOT-repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

12 SECTION: Ecological information

12.1 Toxicity

Aquatic toxicity:

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Remark: Harmful to fish.

Additional ecological information:

General notes:

The surfactant(s) contained in this preparation complies(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.

Adsorption to soil is not expected. Investigation is not necessary. Reason: Easily biodegradable.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

Harmful to aquatic organisms

13 SECTION: Disposal considerations

13.1 Waste treatment methods

The note below refers to the product left as it is and not to further processed products. When mixed with other products, other disposal routes may be required; if in doubt, consult the supplier of the product or the local authority.

Recommendation:

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

Waste disposal key

The waste code numbers are since 1.1.1999 not only product but essentially

Application-specific. The valid application for the waste code number can be found in the European Waste Catalogue.

Uncleaned packaging

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents.

14 SECTION: Transport information

14.1 UN number or ID number

· ADR/RID/ADN, ADN, IMDG, IATA: *Void*

14.2 UN proper shipping name

ADR/RID/ADN, ADN, IMDG, IATA *Void*

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class *Void*

14.4 . Packing group:

ADR/RID/ADN, IMDG, IATA *Void*

14.5 Environmental hazards:

Marine pollutant: *No.*

14.6 Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO

14.8 instruments

Not applicable.

UN "Model Regulation": *Void*

15 SECTION: Regulatory information

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

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Signal word: Danger

Hazard-determining components of labelling:

Alcohols, C12-14, ethoxylated

Orange juice oil

2-aminoethanol

Preservatives (METHYLCHLOROISOTHIAZOLINONE, METHYLISOTHIAZOLINONE)

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P260

Do not breathe mist/vapours/spray.

P280

Wear protective gloves / eye protection.

P303+P361+P353

*IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water [or shower].*

P305+P351+P338

*IF IN EYES: Rinse cautiously with water for several minutes. Remove
contact lenses, if present and easy to do. Continue rinsing.*

P310

Immediately call a POISON CENTER/doctor.

P304+P340

*IF INHALED: Remove person to fresh air and keep comfortable for
breathing.*

P501

*Dispose of contents/container in accordance with
local/regional/national/international regulations.*

Directive 2012/18/EU

Named dangerous substances - ANNEX I:

None of the ingredients is included.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

Regulation (EC) No 273/2004 on drug precursors
None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors
None of the ingredients is listed.

National regulations:

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

1996 Chemicals Act, BGBl. I Nr. 53/1997 idgF

Chemicals Ordinance 1999, BGBl. II Nr. 81/2000 idgF

Abfallwirtschaftsgesetz 2002, BGBl. I Nr. 102/2002 idgF

ArbeitnehmerInnenschutzgesetz BGBl. Nr. 450/1994 idgF

Information about limitation of use:

Observe employment restrictions for children and adolescents according to Directive 94/33 / EC and the corresponding national regulations.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

16 SECTION: Other information

The information is based on the current state of our knowledge, but it does not constitute a warranty of product of product characteristics and do not establish a contractual legal relationship. According to Annex II of EC No. 1907/2006 in the version applicable on the date of this safety data sheet.

Relevant phrases

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting

Training hints:

Our information corresponds to our current knowledge and experience to the best of our knowledge. However, we pass it on without obligation. We reserve the right to make changes in the course of technical progress and further operational development. Our information merely describes the quality of our products and services and does not constitute any guarantees. The customer is not released from the obligation to have the functions and possible applications of the products carefully checked by qualified personnel. This also applies with regard to the protection of third party property rights. The mention of trade names of other companies is not a recommendation and does not exclude the use of other similar products.

Classification according to Regulation (EC) No 1272/2008

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the

International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources

Regulations

REACH Regulation (EC) No 1907/2006

CLP Regulation (EC) No. 1272/2008

Regulation (EC) No 648/2004 on detergents

Internet

- 1 <https://www.baua.de>
- 2 <https://dguv.de/ifa/stoffdatenbank>
- 3 <https://www.gischem.de>
- 4 <https://echa.europa.eu/en/candidate-list-table>
- 5 <http://gestis.itrust.de>