Safety Data Sheet
WIZZY PULISCI PLASTICA

Safety Data Sheet dated 4/7/2019, version 9

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

1.1. Product identifier

Mixture identification:

Trade name: WIZZY PULISCI PLASTICA

Trade code: 1934

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

Recommended use:

cloth impregnated with plastic detergent

1.3. Details of the supplier of the safety data sheet

Supplier:

Arexons S.p.A.

via Antica di Cassano, 23, 20063

Cernusco sul Naviglio (MI), Italy

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Competent person responsible for the safety data sheet:

arexons@arexons.it

1.4. Emergency telephone number

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Centro Antiveleni di Pavia IRCCS- Fondazione Maugeri tel. +39 (0)382 24444 (h24; it, en)

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In Ireland: Beaumont Hospital - National Poisons Information Centre 01 809 2166 (7days, 8:00 - 22:00)

In South Africa: Poison Information Helpline 0861 555 777

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

Regulation (EC) nr 648/2004 (detergents).

Product contents:

Non-ionic surfactants < 5 %

The product also contains: Perfumes

Preservatives: LAURYLAMINE DIPROPYLENEDIAMINE, 2-Methyl-2H-isothiazol-3-one, 1,2-benzisothiazol-3(2H)-one , Mixture: 5-cloro-2-methyl-2H-

isotiazol-3-one, 2-methyl-2H-isotiazol-3-one (3:1), 1,2-benzisothiazol-3(2H)-one

2.3. Other hazards

PBT Substances:

>= 0.1% - < 0.25% Dodecamethylcyclohexasiloxane - CAS: 540-97-6, EC: 208-762-8

>= 0.05% - < 0.1% ottametilciclotetrasilossano - REACH No.: 01-2119529238-36, Index number: 014-018-00-1, CAS: 556-67-2, EC: 209-136-7

vPvB Substances:

>= 0.1% - < 0.25% Dodecamethylcyclohexasiloxane - CAS: 540-97-6, EC: 208-762-8

>= 0.05% - < 0.1% ottametilciclotetrasilossano - REACH No.: 01-2119529238-36, Index number: 014-018-00-1, CAS: 556-67-2, EC: 209-136-7

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 1% - < 2% ethylene glycol

REACH No.: 01-2119456816-28, Index number: 603-027-00-1, CAS: 107-21-1, EC: 203-473-3

3.1/4/Oral Acute Tox. 4 H302

3.9/2 STOT RE 2 H373

>= 0.1% - < 0.25% Dodecamethylcyclohexasiloxane

CAS: 540-97-6, EC: 208-762-8

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

>= 0.05% - < 0.1% ottametilciclotetrasilossano

REACH No.: 01-2119529238-36, Index number: 014-018-00-1, CAS: 556-67-2, EC: 209-136-7

3.7/2 Repr. 2 H361f

4.1/C4 Aquatic Chronic 4 H413

2.6/3 Flam. Liq. 3 H226

SVHC Substances:

>= 0.1% - < 0.25% Dodecamethylcyclohexasiloxane

CAS: 540-97-6, EC: 208-762-8

Substance PBT and vPvB and SVHC

>= 0.05% - < 0.1% ottametilciclotetrasilossano

REACH No.: 01-2119529238-36, Index number: 014-018-00-1, CAS: 556-67-2, EC: 209-136-7

Substance PBT and vPvB and SVHC

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

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

None

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

Treatment:
None

SECTION 5: Firefighting measures

5.1. Extinguishing media

Appropriate Extinguishing Media:
To carbon dioxide.
To dust.
Foam
Water spray.
Not Recommended Extinguishing Media:
Do not use direct water jets.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Do not eat or drink while working.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

ethanediol - CAS: 107-21-1
20101.06 - TWA(8h): 52 mg/m3, 20 ppm - STEL: 104 mg/m3, 40 ppm
EU - TWA(8h): 52 mg/m3, 20 ppm - STEL: 104 mg/m3, 40 ppm - Notes: Skin
ACGIH - STEL: 10 mg/m3 - Notes: (I, H), A4 - URT irr
ACGIH - TWA(8h): 25 ppm - STEL: 50 ppm - Notes: (V), A4 - URT irr
ottametilciclotetrasilossano - CAS: 556-67-2
20101.04 - TWA: 120 mg/m3, 10 ppm

DNEL Exposure Limit Values
ethanediol - CAS: 107-21-1
Worker Industry: 35 mg/m3 - Worker Professional: 35 mg/m3 - Consumer: 7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Worker Industry: 106 mg/kg - Worker Professional: 106 mg/kg - Consumer: 53 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
Dodecamethylcyclohexasiloxane - CAS: 540-97-6
Worker Professional: 11 mg/m3 - Consumer: 2.7 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 6.1 mg/m3 - Consumer: 1.5 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 1.22 mg/m3 - Consumer: 0.3 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 1.7 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects
Consumer: 1.7 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
ottametilciclotetrasilossano - CAS: 556-67-2
Worker Professional: 73 mg/m3 - Consumer: 13 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, systemic effects
Worker Professional: 73 mg/m3 - Consumer: 13 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects
Worker Professional: 73 mg/m3 - Consumer: 13 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
Worker Professional: 73 mg/m3 - Consumer: 13 mg/m3 - Exposure: Human Inhalation - Frequency: Long Term, local effects
Consumer: 3.7 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values
ethanediol - CAS: 107-21-1
Target: Fresh Water - Value: 10 mg/l
Target: 08 - Value: 10 mg/l
Target: Marine water - Value: 1 mg/l
Target: 09 - Value: 199.5 mg/l
Target: Freshwater sediments - Value: 3.7 mg/kg
Dodecamethylcyclohexasiloxane - CAS: 540-97-6
Target: Freshwater sediments - Value: 2.826 mg/kg
Target: Marine water sediments - Value: 0.282 mg/kg
Target: Soil (agricultural) - Value: 3.336 mg/kg
Target: 09 - Value: 1 mg/l
ottametilciclotetrasilossano - CAS: 556-67-2
Target: Fresh Water - Value: 0.00044 mg/l
Target: Marine water - Value: 0.000044 mg/l
Target: Freshwater sediments - Value: 0.64 mg/kg
Target: Marine water sediments - Value: 0.064 mg/kg
Target: 09 - Value: 10 mg/l

8.2. Exposure controls

Eye protection:
Eye glasses with side protection.
Compliant with EN 166

Protection for skin:
protective clothing

Protection for hands:
Nitrile or Viton gloves.

Compliant with EN 374.
Respiratory protection:
Not needed for normal use.
Thermal Hazards:
None
Environmental exposure controls:
None
Appropriate engineering controls:
None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Appearance and colour:	Panno impregnato	--	--
Odour:	Characteristic	--	--
Odour threshold:	N.A.	--	--
pH:	7	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	N.A.	--	--
Flash point:	Not flammable	IP 170	--
Evaporation rate:	N.A.	--	--
Solid/gas flammability:	N.A.	--	--
Upper/lower flammability or explosive limits:	N.A.	--	--
Vapour pressure:	N.A.	--	--
Vapour density:	N.A.	--	--
Relative density:	0,997 g/cm3 (impregnante)	--	--
Solubility in water:	Soluble	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
Viscosity:	N.A.	--	--

Explosive properties:	N.A.	--	--
Oxidizing properties:	N.A.	--	--

9.2. Other information

Properties	**Value**	**Method:**	**Notes:**
Miscibility:	N.A.	--	--
Fat Solubility:	N.A.	--	--
Conductivity:	N.A.	--	--
Substance Groups relevant properties	N.A.	--	--

NA=not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions
10.2. Chemical stability
Stable under normal conditions
10.3. Possibility of hazardous reactions
None
10.4. Conditions to avoid
Stable under normal conditions.
10.5. Incompatible materials
None in particular.
10.6. Hazardous decomposition products
None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological information of the product:
WIZZY PULISCI PLASTICA
a) acute toxicity

Based on available data, the classification criteria are not met
b) skin corrosion/irritation

Based on available data, the classification criteria are not met
c) serious eye damage/irritation

Based on available data, the classification criteria are not met
d) respiratory or skin sensitisation

Based on available data, the classification criteria are not met
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

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

ethanediol - CAS: 107-21-1

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 7712 mg/kg
Test: LD50 - Route: Skin - Species: Mouse > 3500 mg/kg
Test: LC50 - Route: Inhalation - Species: Rat > 2.5 mg/l - Duration: 4h
Test: LD50 - Route: Skin - Species: Rabbit = 2000 mg/kg

g) reproductive toxicity:

Test: NOAEL(C) - Species: Mouse 1000 mg/kg

i) STOT-repeated exposure:

Test: NOAEL(C) - Route: Skin - Species: CANE 2200-4400 mg/kg - Source: OECD 410 - Notes: Organo bersaglio/Target organ: Rene/kidney

ottametilciclotetrasilossano - CAS: 556-67-2

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat > 36 mg/l

SECTION 12: Ecological information

12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

ethanediol - CAS: 107-21-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 72860 mg/l - Duration h: 96
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae 6500-13000 mg/l - Duration h: 96

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish 15380 mg/l - Duration h: 168

Dodecamethylcyclohexasiloxane - CAS: 540-97-6

a) Aquatic acute toxicity:

Endpoint: CE6 - Species: Algae > 0.002 mg/l - Duration h: 72

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia 0.0046 mg/l - Duration h: 504

ottametilciclotetrasilossano - CAS: 556-67-2

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 0.22 mg/l - Duration h: 96
Endpoint: LC50 - Species: Fish > 0.0063 mg/l - Duration h: 336
Endpoint: EC50 - Species: Daphnia > 0.15 mg/l - Duration h: 48

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Fish > 0.0044 mg/l - Duration h: 2232
Endpoint: NOEC - Species: Daphnia 0.0079 mg/l - Duration h: 504

e) Plant toxicity:

Endpoint: CE6 - Species: Algae > 0.022 mg/l - Duration h: 72

12.2. Persistence and degradability

None

Dodecamethylcyclohexasiloxane - CAS: 540-97-6

Biodegradability: Non-readily biodegradable - Test: BIOGDG06 - Duration: 28gg - %: 57

ottametilciclotetrasilossano - CAS: 556-67-2
Biodegradability: Non-readily biodegradable - Test: OECD TG 310 - Duration: 28gg - %: 3.7

12.3. Bioaccumulative potential
Dodecamethylcyclohexasiloxane - CAS: 540-97-6
Bioaccumulation: Not bioaccumulative - Test: log Pow 8.87
ottametilciclotetrasilossano - CAS: 556-67-2
Test: BCF - Bioconcentrantion factor 12400
Test: log Pow 6.49

12.4. Mobility in soil
N.A.

12.5. Results of PBT and vPvB assessment
PBT Substances:
>= 0.1% - < 0.25% Dodecamethylcyclohexasiloxane - CAS: 540-97-6
>= 0.05% - < 0.1% ottametilciclotetrasilossano - CAS: 556-67-2
vPvB Substances:
>= 0.1% - < 0.25% Dodecamethylcyclohexasiloxane - CAS: 540-97-6
>= 0.05% - < 0.1% ottametilciclotetrasilossano - CAS: 556-67-2

12.6. Other adverse effects
None

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Recover if possible. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number

Not classified as dangerous in the meaning of transport regulations.

14.2. UN proper shipping name
N.A.

14.3. Transport hazard class(es)
N.A.

14.4. Packing group
N.A.

14.5. Environmental hazards
ADR-Enviromental Pollutant: No
IMDG-Marine pollutant: No

14.6. Special precautions for user
N.A.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
Dir. 98/24/EC (Risks related to chemical agents at work)
Dir. 2000/39/EC (Occupational exposure limit values)
Regulation (EC) n. 1907/2006 (REACH)
Regulation (EC) n. 1272/2008 (CLP)
Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
Regulation (EU) 2015/830
Regulation (EU) n. 286/2011 (ATP 2 CLP)
Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)
Regulation (EU) n. 944/2013 (ATP 5 CLP)
Regulation (EU) n. 605/2014 (ATP 6 CLP)
Regulation (EU) n. 2015/1221 (ATP 7 CLP)
Regulation (EU) n. 2016/918 (ATP 8 CLP)
Regulation (EU) n. 2016/1179 (ATP 9 CLP)
Regulation (EU) n. 2017/776 (ATP 10 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 40

Restrictions related to the substances contained:

Restriction 70

Volatile Organic compounds - VOCs = 1.14 %
Volatile Organic compounds - VOCs = 11.38 g/Kg
Volatile Organic compounds - VOCs = 11.34 g/l

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)
Regulation (EC) nr 648/2004 (detergents).
Dir. 2004/42/EC (VOC directive)

SVHC Substances:

Substances in candidate list (Art. 59 Reg. 1907/2006, REACH):

Dodecamethylcyclohexasiloxane

PBT, vPvB

ottametilciclotetrasilossano

PBT, vPvB

Provisions related to directive EU 2012/18 (Seveso III):

Seveso III category according to Annex 1, part 1

None

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the mixture.

Substances for which a Chemical Safety Assessment has been carried out:

None

SECTION 16: Other information

Text of phrases referred to under heading 3:

H361f Suspected of damaging the unborn child.
H413 May cause long lasting harmful effects to aquatic life.
H226 Flammable liquid and vapour.
H302 Harmful if swallowed.
H373 May cause damage to organs (kidneys) through prolonged or repeated exposure if swallowed.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Repr. 2	3.7/2	Reproductive toxicity, Category 2
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2

Aquatic Chronic 4	4.1/C4	Chronic (long term) aquatic hazard, category 4

Paragraphs modified from the previous revision:

SECTION 2: Hazards identification
SECTION 3: Composition/information on ingredients
SECTION 7: Handling and storage
SECTION 8: Exposure controls/personal protection
SECTION 12: Ecological information
SECTION 15: Regulatory information

This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.
This MSDS cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NA:	Not applicable
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.