Pet Odor Solution AWH15

Safety Data Sheet

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 12/3/2024 Revision date: 12/3/2024 Version: 1.0

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

1.1. Product identifier

Product form : Mixture
Trade name : Pet Odor Solution AWH15

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

Relevant identified uses

Use of the substance/mixture : Daily clean all kinds of hard surface materials.

Uses advised against

Restrictions on use : No information available

1.3. Details of the supplier of the safety data sheet

Manufacturer
Suzhou Jiashi Sunshine Biotechnology Co., Ltd
6th Floor, Building A, No. 5088, East the Taihu Lake Road, Xukou Town,
Wuzhong District, Suzhou City, Jiangsu Province, China
215164
T +86-4008557500
yangqing700501@163.com

Importer

1.4. Emergency telephone number

Emergency number : +86-4008557500

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 2	H319
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye irritation. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS07

Signal word (CLP) : Warning
Hazard statements (CLP) : H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP) : P264 - Wash hands, forearms and face thoroughly after handling.
P273 - Avoid release to the environment.
P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

EUH-statements : None.

2.3. Other hazards

Other hazards which do not result in classification : No information available.

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	CAS-No.: 7732-18-5 EC-No.: 231-791-2	≥ 98.0	Not classified
N-(Soya alkyl)-N-ethylmorpholinium ethylsulfate	CAS-No.: 61791-34-2 EC-No.: 263-167-0	< 1.0	Skin Corr. 1, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 M(Chronic)=1 M=10
Tetrasodium EDTA tetrahydrate	CAS-No.: 13235-36-4 EC-No.: 603-569-9	< 0.5	Not classified
2-Phenoxyethanol	CAS-No.: 122-99-6 EC-No.: 204-589-7	< 0.5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335 Oral: ATE = 1394 mg/kg bw (-)
Perfume	/	< 0.1	Not classified
Siloxanes and silicones, dimethyl, 3-hydroxypropyl methyl, ethoxylated	CAS-No.: 68937-54-2 EC-No.: 614-822-8	0.01 – 0.05	Not classified
Citric acid	CAS-No.: 77-92-9 EC-No.: 201-069-1	< 0.05	Eye Irrit. 2, H319 STOT SE 3, H335
Oils, tea-tree	CAS-No.: 68647-73-4 EC-No.: 285-377-1;614-679-1	0.001 – 0.01	Not classified
1,2-Benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9	< 0.028	Acute Tox. 4 (Oral), H302 Acute Tox. 2 (Inhalation), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
			Inhalation: ATE = 0.21 mg/L (dusts or mists) Oral: ATE = 450 mg/kg bw (-) M=1 M(Chronic)=1
Pigment	/	< 0.01	Not classified

Specific concentration limits:		
Name	**Product identifier**	**Specific concentration limits (%)**
1,2-Benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9	(0.036 ≤ C < 100) Skin Sens. 1A; H317

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Get medical advice if necessary.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

Symptoms/effects : Causes skin irritation. Causes serious eye irritation.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, dry powder, foam, carbon dioxide.

Unsuitable extinguishing media : No information available.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.

Explosion hazard : No direct explosion hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.

Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.

Storage conditions : Keep cool. Protect from sunlight.

Incompatible materials : No information available.

Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

2-Phenoxyethanol (122-99-6)	
Austria - Occupational Exposure Limits	
MAK (OEL TWA)	110 mg/m³
	20 ppm
MAK (OEL STEL)	110 mg/m³

2-Phenoxyethanol (122-99-6)	
	20 ppm
OEL C	110 mg/m³
	20 ppm
Finland - Occupational Exposure Limits	
HTP (OEL TWA)	110 mg/m³
	20 ppm
HTP (OEL STEL)	290 mg/m³
	50 ppm
OEL chemical category	Potential for cutaneous absorption
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA)	5.7 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
	1 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Poland - Occupational Exposure Limits	
NDS (OEL TWA)	230 mg/m³
Slovenia - Occupational Exposure Limits	
OEL TWA	5.7 mg/m³
	1 ppm
OEL STEL	5.7 mg/m³
	1 ppm
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA)	110 mg/m³ (aerosol, vapour)
	20 ppm (aerosol, vapour)
KZGW (OEL STEL)	110 mg/m³ (aerosol, vapour)
	20 ppm (aerosol, vapour)

Citric acid (77-92-9)	
Czech Republic - Occupational Exposure Limits	
PEL (OEL TWA)	4 mg/m³ (dust)
Germany - Occupational Exposure Limits (TRGS 900)	
AGW (OEL TWA)	2 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Switzerland - Occupational Exposure Limits	
MAK (OEL TWA)	2 mg/m³ (inhalable dust)
KZGW (OEL STEL)	4 mg/m³ (inhalable dust)

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protection equipment

Personal protective equipment:
Wear recommended personal protective equipment.

Eye and face protection

Eye protection:
Safety glasses.

Skin protection

Skin and body protection:
Wear suitable protective clothing.

Hand protection:
Protective gloves.

Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards

Thermal hazard protection:
No information available.

Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid.
Colour	:	Light yellow liquid.
Appearance	:	Light yellow.
Odour	:	Slightly fragrant.
Odour threshold	:	Not available.
Melting point	:	Not available.
Freezing point	:	Not available.
Boiling point	:	Not available.
Flammability	:	Non flammable.
Explosive properties	:	Not available.
Oxidising properties	:	Not available.
Lower explosion limit	:	Not available.
Upper explosion limit	:	Not available.
Flash point	:	≥ 93.6 °C
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
pH	:	7 – 9
Viscosity, kinematic	:	Not available.
Viscosity, dynamic	:	Not available.
Solubility	:	Not available.
Partition coefficient n-octanol/water (Log Kow)	:	Not available.
Vapour pressure	:	Not available.
Vapour pressure at 50 °C	:	Not available.
Density	:	0.95 – 1.05 g/cm³
Relative density	:	Not available.
Relative vapour density at 20 °C	:	Not available.
Particle characteristics	:	Not available.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

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

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

2-Phenoxyethanol (122-99-6)	
LD50 oral rat	1850 mg/kg
LD50 dermal rabbit	5 ml/kg

1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
LD50 oral rat	1020 mg/kg
LD50 oral	670 mg/kg
LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Citric acid (77-92-9)	
LD50 oral rat	3 g/kg
LD50 oral	6730 mg/kg
LD50 dermal rat	> 2000 mg/kg

Skin corrosion/irritation : Causes skin irritation.
pH: 7 – 9

Tetrasodium EDTA tetrahydrate (13235-36-4)	
pH	10.5 – 11.5

Citric acid (77-92-9)	
pH	2.1 (conc: 0.1 M (solution)

Serious eye damage/irritation : Causes serious eye irritation.
pH: 7 – 9

Tetrasodium EDTA tetrahydrate (13235-36-4)	
pH	10.5 – 11.5

Oils, tea-tree (68647-73-4)	
LD50 dermal rabbit	> 5 g/kg

Skin corrosion/irritation : Not classified
pH: 7 – 9

Serious eye damage/irritation : Causes serious eye damage.
pH: 7 – 9

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Citric acid (77-92-9)	
pH	2.1 (conc: 0.1 M (solution)

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
NOAEL (animal/female, F1)	56.6 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: EPA OPPTS 870.3800 (Reproduction and Fertility Effects)

STOT-single exposure : Not classified

2-Phenoxyethanol (122-99-6)	
STOT-single exposure	May cause respiratory irritation.

Citric acid (77-92-9)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

11.2. Information on other hazards

Endocrine disrupting properties

Adverse health effects caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects.

2-Phenoxyethanol (122-99-6)	
LC50 - Fish [1]	337 – 352 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

2-Phenoxyethanol (122-99-6)	
EC50 - Crustacea [1]	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
EC50 72h - Algae [1]	> 500 mg/l (Species: Desmodesmus subspicatus)

1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
LC50 - Fish [1]	2.18 mg/l
LC50 - Fish [2]	2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [1]	2.94 mg/l
EC50 - Crustacea [2]	2.9 mg/l Test organisms (species): Daphnia magna

Citric acid (77-92-9)	
LC50 - Fish [1]	1516 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

2-Phenoxyethanol (122-99-6)	
Partition coefficient n-octanol/water (Log Pow)	1.107

1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
Partition coefficient n-octanol/water (Log Pow)	0.99 (at 20 °C (at pH 5)

Citric acid (77-92-9)	
Partition coefficient n-octanol/water (Log Pow)	-1.72 (at 20 °C)
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Pet Odor Solution AWH15
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

Adverse effects on the environment caused by endocrine disrupting properties : The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %.

12.7. Other adverse effects

Other adverse effects : No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Disposal must be done according to official regulations.

Additional information : Do not re-use empty containers.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number or ID number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

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

EU-Regulations

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit

Abbreviations and acronyms:	
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disruptor

Version : 1.0
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Revision date : 12/3/2024
Data sources : ECHA (European Chemicals Agency). Loli.
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.
Other information : No information available.

Full text of H- and EUH-statements:	
H302	Harmful if swallowed.
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.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.