

Safety Data Sheet (SDS) Report

SDS number: SHAH01512199

Applicant: Tineco Intelligent Technology Co.,Ltd.
No. 108, West Shihu Road, Wuzhong District, Suzhou, China

Issue Date: 2022-10-27

Sample Description:

The sample information was submitted and identified on client's behalf to be:

Product Name : Tineco Pre-treat Formula
Physical State : Liquid
Data Received : Oct 27, 2022
Data Reviewed : Oct 27, 2022

Service Requested:

Based on the information provided by the applicant, the Safety Data Sheet (SDS) was generated in accordance with the requirements of OSHA HazCom Standard (2012), for details please refer to attached pages.

Authorized By:

On Behalf Of Regulatory Affairs in Intertek Testing Services Ltd., Shanghai



Anna Wang
Technical Manager

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Tineco Pre-treat Formula

Safety Data Sheet

according to US HazCom 2012
Issue Date:2022.10.27 Revision Date: 2022.10.27 Version No:1.0 SDS Number: SHAH01512199

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Product name : Tineco Pre-treat Formula

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Clean for the carpet.

1.3. Supplier

Supplier
Tineco Intelligent Technology Co.,Ltd.
No. 108, West Shihu Road, Wuzhong District, Suzhou, China
T: 86-512-65964906
yonghua.huang@tineco.com
Importer
Tineco Intelligent Inc.
1700 Westlake Avenue N, Suite 200, Seattle, WA 98109 United States
T: 1-855-292-8864

1.4. Emergency telephone number

T: 1 800 222 1222

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Serious eye damage/eye irritation, Category 2 Causes serious eye irritation.

2.2. GHS Label elements, including precautionary statements

GHS US labelling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning
Hazard statements (GHS US) : Causes serious eye irritation.
Precautionary statements (GHS US) : Wash hands, forearms and face thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF IN EYES: 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.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

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SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Water	CAS-No.: 7732-18-5	86.79 – 97.41
2-Propanol, 1-methoxy-	CAS-No.: 107-98-2	1 – 5
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	CAS-No.: 68439-57-6	1 – 4
Alcohols, C9-11, ethoxylated	CAS-No.: 68439-46-3	0.5 – 2
9-Octadecenoic acid, 12-hydroxy-, zinc salt (2:1), [R-(Z)]-	CAS-No.: 13040-19-2	0.02 – 2
Siloxanes and silicones, dimethyl, 3-hydroxypropyl methyl, ethoxylated	CAS-No.: 68937-54-2	0.05 – 0.1
1,3-Propanediamine, N-(3-aminopropyl)-N-dodecyl-	CAS-No.: 2372-82-9	0.01 – 0.05
Parfum	-	0.01 – 0.05
1,2-Benzisothiazol-3(2H)-one	CAS-No.: 2634-33-5	0.005 – 0.01

* The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. 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	: Rinse mouth. Do NOT induce vomiting. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after eye contact : Eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

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

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5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection. 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 : Evacuate unnecessary personnel.

6.1.1. For non-emergency personnel

- Protective equipment : Wear personal protective equipment.
- Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

6.1.2. For emergency responders

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

6.2. Environmental precautions

Avoid release to the environment. Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).
- Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
- Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13: "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Provide good ventilation in process area to prevent formation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. 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

- Storage conditions : Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
- Suitable packaging material : Plastic, e.g. HDPE, PET, PP, or glass.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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No additional information available

2-Propanol, 1-methoxy- (107-98-2)

USA - ACGIH - Occupational Exposure Limits

Local name	1-Methoxy-2-propanol
ACGIH OEL TWA [ppm]	50 ppm
ACGIH OEL STEL [ppm]	100 ppm
Remark (ACGIH)	TLV® Basis: Eye & URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Regulatory reference	ACGIH 2022

USA - NIOSH - Occupational Exposure Limits

NIOSH REL TWA	360 mg/m ³
NIOSH REL TWA [ppm]	100 ppm
NIOSH REL STEL	540 mg/m ³
NIOSH REL STEL [ppm]	150 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Impermeable protective gloves

Eye protection:

Chemical goggles or safety glasses. Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Colorless to pale yellow liquid.
Odour : Floral.
Odour threshold : No data available
pH : 8~10
Melting point : No data available

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Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability	: Not flammable
Vapour pressure	: No data available
Relative vapour density at 20°C	: No data available
Density (g/cm ³)	: 0.98–1.05
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data 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 additional 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 toxicological effects

Acute toxicity (oral)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (dermal)	: Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation)	: Not classified (Based on available data, the classification criteria are not met)

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)

LD50 oral rat	2220 mg/kg
LD50 dermal rabbit	> 6300 mg/kg

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Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)

LC50 Inhalation - Rat > 52 mg/l/4h

Alcohols, C9-11, ethoxylated (68439-46-3)

LD50 oral rat 1400 mg/kg

LD50 dermal rat > 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

2-Propanol, 1-methoxy- (107-98-2)

LD50 oral rat 5000 mg/kg

LD50 dermal rat > 2000 mg/kg bodyweight Animal: rat, Guideline: EU Method B.3 (Acute Toxicity (Dermal))

LD50 dermal rabbit 13 g/kg

LC50 Inhalation - Rat > 6 mg/l/4h

LC50 Inhalation - Rat (Dust/Mist) > 26315 mg/l

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

LD50 oral rat 490 mg/kg

LD50 dermal rat > 2000 mg/kg

LC50 Inhalation - Rat (Dust/Mist) 100 mg/l

1,3-Propanediamine, N-(3-aminopropyl)-N-dodecyl- (2372-82-9)

LD50 oral rat 261 mg/kg

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)

Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)

Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)

STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)

Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)

Viscosity, kinematic : No data available

Symptoms/effects after eye contact : Eye irritation.

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

2-Propanol, 1-methoxy- (107-98-2)

LC50 - Fish [1] > 4600 mg/l

EC50 - Crustacea [1] 23300 mg/l (Exposure time: 48 h - Species: Daphnia magna)

EC50 - Other aquatic organisms [1] 23300 mg/l waterflea

EC50 - Other aquatic organisms [2] > 500 mg/l

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

EC50 - Crustacea [1] 2.94 mg/l Test organisms (species): Daphnia magna

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1,2-Benzisothiazol-3(2H)-one (2634-33-5)

EC50 - Other aquatic organisms [1]	2.94 mg/l waterflea
LC50 - Fish [2]	2.15 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)
EC50 - Crustacea [2]	2.9 mg/l Test organisms (species): Daphnia magna
EC50 - Other aquatic organisms [2]	0.11 mg/l

1,3-Propanediamine, N-(3-aminopropyl)-N-dodecyl- (2372-82-9)

LC50 - Fish [1]	0.431 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
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12.2. Persistence and degradability

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Not rapidly degradable

12.3. Bioaccumulative potential

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)

Partition coefficient n-octanol/water (Log Pow)	4.49 Source: Quantitative Structure Activity Relation
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Alcohols, C9-11, ethoxylated (68439-46-3)

Partition coefficient n-octanol/water (Log Pow)	2.86 – 3.76
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2-Propanol, 1-methoxy- (107-98-2)

BCF - Fish [1]	< 2
Partition coefficient n-octanol/water (Log Pow)	-0.49

1,2-Benzisothiazol-3(2H)-one (2634-33-5)

Partition coefficient n-octanol/water (Log Pow)	0.99 (at 20 °C (at pH 5))
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the ozone layer : Not classified
Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

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DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not Regulated	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)			
Not Regulated	Not Regulated	Not Regulated	Not Regulated
14.4. Packing group			
Not Regulated	Not Regulated	Not Regulated	Not Regulated
14.5. Environmental hazards			
Not Regulated	Not Regulated	Not Regulated	Not Regulated
No supplementary information available			

14.6. Special precautions for user

DOT

Not Regulated

TDG

Not Regulated

IMDG

Not Regulated

IATA

Not Regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

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SECTION 16: Other information

according to US HazCom 2012

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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.