

Safety Data Sheet (SDS) Report

Applicant: Tineco Intelligent Technology Co.,Ltd.
No. 108 Shihu Road West, Wuzhong Zone, Suzhou, 215168 P.R.China

SDS number: WUXH00115653

Issue Date: 2021-05-26

Sample Description:

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

Product Name : Hard Floor Pet Stain & Odor Remover
Physical State : Liquid
Data Received : May 20, 2021
Data Reviewed : May 26, 2021

Service Requested:

Based on the information provided by the applicant, the Safety Data Sheet (SDS) was generated in accordance with 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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Safety Data Sheet

Hard Floor Pet Stain & Odor Remover Tineco Intelligent Technology Co.,Ltd.

SDS number: **WUXH00115653**Version No: **1.0**
according to OSHA HazCom Standard (2012) requirementsIssue Date: **26/05/2021**
GHS.USA.EN

SECTION 1 Identification

Product Identifier

| | |
|-------------------------------|-------------------------------------|
| Product name | Hard Floor Pet Stain & Odor Remover |
| Other means of identification | Not Available |

Recommended use of the chemical and restrictions on use

| | |
|--------------------------|---------------------|
| Relevant identified uses | Clean for the floor |
|--------------------------|---------------------|

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

| | |
|---------------|---|
| Supplier name | Tineco Intelligent Technology Co.,Ltd. |
| Address | No. 108 Shihu Road West, Wuzhong Zone, Suzhou, 215168 P.R.China |
| Telephone | 0086-512-65654197/0086-512-65964906 |
| Email | yonghua.huang@tineco.com |
| Importer name | |
| Address | |
| Telephone | |
| Email | |

Emergency phone number

| | |
|-----------------------------|--|
| Emergency telephone numbers | |
|-----------------------------|--|

SECTION 2 Hazard(s) identification

Classification of the substance or mixture

Not considered a Hazardous Substance by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). Not classified as Dangerous Goods for transport purposes.

| | |
|----------------|----------------|
| Classification | Not Classified |
|----------------|----------------|

Label elements

| | |
|---------------------|-----------------------|
| Hazard pictogram(s) | Not Applicable |
| Signal word | Not Applicable |

Hazard statement(s)

Not Applicable

Hazard(s) not otherwise classified

Not Applicable

Supplementary statement(s)

Not Applicable

Precautionary statement(s) Prevention

Not Applicable

Precautionary statement(s) Response

Not Applicable

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

Not Applicable

SECTION 3 Composition / information on ingredients

Substances

Hard Floor Pet Stain & Odor Remover

See section below for composition of Mixtures

Mixtures

| CAS No | %[weight] | Name |
|------------|-------------|--|
| 7732-18-5 | >90 | water |
| 9003-11-6 | <2 | polypropylene/ polyethylene glycol copolymer |
| 64-02-8 | 0.1-0.5 | Ethylenediaminetetraacetic acid tetrasodium salt |
| 139-33-3 | 0.1-0.5 | Ethylenediaminetetraacetic acid disodium salt |
| 13040-19-2 | 0.1-0.5 | zinc ricinoleate |
| 68937-54-2 | 0.1-0.5 | Polyether modified polydimethylsiloxane |
| N/A | 0.01-0.05 | Fragrance |
| 2634-33-5 | 0.001-0.005 | 1,2-benzisothiazoline-3-one |

SECTION 4 First-aid measures

Description of first aid measures

| | |
|---------------------|--|
| Eye Contact | <p>If this product comes in contact with eyes:</p> <ul style="list-style-type: none"> ▶ Wash out immediately with water. ▶ If irritation continues, seek medical attention. ▶ Removal of contact lenses after an eye injury should only be undertaken by skilled personnel. |
| Skin Contact | <p>If skin or hair contact occurs:</p> <ul style="list-style-type: none"> ▶ Flush skin and hair with running water (and soap if available). ▶ Seek medical attention in event of irritation. |
| Inhalation | <ul style="list-style-type: none"> ▶ If fumes, aerosols or combustion products are inhaled remove from contaminated area. ▶ Other measures are usually unnecessary. |
| Ingestion | <ul style="list-style-type: none"> ▶ Immediately give a glass of water. ▶ First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor. |

Most important symptoms and effects, both acute and delayed

See Section 11

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 Fire-fighting measures

Extinguishing media

- ▶ There is no restriction on the type of extinguisher which may be used.
- ▶ Use extinguishing media suitable for surrounding area.

Special hazards arising from the substrate or mixture

| | |
|-----------------------------|-------------|
| Fire Incompatibility | None known. |
|-----------------------------|-------------|

Special protective equipment and precautions for fire-fighters

| | |
|------------------------------|--|
| Fire Fighting | <ul style="list-style-type: none"> ▶ Alert Fire Brigade and tell them location and nature of hazard. ▶ Wear breathing apparatus plus protective gloves in the event of a fire. |
| Fire/Explosion Hazard | <ul style="list-style-type: none"> ▶ Non combustible. ▶ Not considered a significant fire risk, however containers may burn. <p>Decomposition may produce toxic fumes of: carbon monoxide carbon dioxide</p> |

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

| | |
|---------------------|--|
| Minor Spills | <ul style="list-style-type: none"> ▶ Clean up all spills immediately. ▶ Avoid breathing vapours and contact with skin and eyes. |
| Major Spills | <ul style="list-style-type: none"> ▶ Absorb or contain isothiazolinone liquid spills with sand, earth, inert material or vermiculite. ▶ Clean up all spills immediately. |

Continued...

Hard Floor Pet Stain & Odor Remover

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 Handling and storage

Precautions for safe handling

| | |
|--------------------------|---|
| Safe handling | <ul style="list-style-type: none"> Limit all unnecessary personal contact. Wear protective clothing when risk of exposure occurs. |
| Other information | Store in original containers. Keep containers securely sealed. |

Conditions for safe storage, including any incompatibilities

| | |
|--------------------------------|---------------------------------------|
| Suitable container | Plastic, e.g. HDPE, PET, PP, or glass |
| Storage incompatibility | None known |

SECTION 8 Exposure controls / personal protection

Control parameters

Occupational Exposure Limits (OEL)

INGREDIENT DATA


Not Available

Emergency Limits

| Ingredient | TEEL-1 | TEEL-2 | TEEL-3 |
|--|-----------------------|-----------------------|-------------------------|
| polypropylene/ polyethylene glycol copolymer | 6.9 mg/m ³ | 76 mg/m ³ | 460 mg/m ³ |
| Ethylenediaminetetraacetic acid tetrasodium salt | 75 mg/m ³ | 830 mg/m ³ | 5,000 mg/m ³ |
| Ethylenediaminetetraacetic acid disodium salt | 11 mg/m ³ | 120 mg/m ³ | 730 mg/m ³ |

| Ingredient | Original IDLH | Revised IDLH |
|-----------------|---------------|---------------|
| All ingredients | Not Available | Not Available |

Exposure controls

| | |
|---|--|
| Appropriate engineering controls | Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. |
| Personal protection |  |
| Eye and face protection | <ul style="list-style-type: none"> Safety glasses with side shields Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. |
| Skin protection | See Hand protection below |
| Hands/feet protection | Wear general protective gloves, eg. light weight rubber gloves. <ul style="list-style-type: none"> Butyl rubber gloves Nitrile rubber gloves (Note: Nitric acid penetrates nitrile gloves in a few minutes.) |
| Body protection | See Other protection below |
| Other protection | No special equipment needed when handling small quantities. OTHERWISE: <ul style="list-style-type: none"> Overalls. |

SECTION 9 Physical and chemical properties

Information on basic physical and chemical properties

| | | | |
|-------------------------|---------------------|--|---------------|
| Appearance | Transparency liquid | | |
| Physical state | Liquid | Relative density (Water = 1) | Not Available |
| Odour | Not Available | Partition coefficient n-octanol / water | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | Not Available |
| pH (as supplied) | 7-9 | Decomposition temperature | Not Available |

Continued...

Hard Floor Pet Stain & Odor Remover

| | | | |
|--|---------------|----------------------------------|---------------|
| Melting point / freezing point (°C) | Not Available | Viscosity (cSt) | Not Available |
| Initial boiling point and boiling range (°C) | Not Available | Molecular weight (g/mol) | Not Available |
| Flash point (°C) | Not Available | Taste | Not Available |
| Evaporation rate | Not Available | Explosive properties | Not Available |
| Flammability | Not Flammable | Oxidising properties | Not Available |
| Upper Explosive Limit (%) | Not Available | Surface Tension (dyn/cm or mN/m) | Not Available |
| Lower Explosive Limit (%) | Not Available | Volatile Component (%vol) | Not Available |
| Vapour pressure (kPa) | Not Available | Gas group | Not Available |
| Solubility in water | Not Available | pH as a solution (1%) | Not Available |
| Vapour density (Air = 1) | Not Available | VOC g/L | Not Available |

SECTION 10 Stability and reactivity

| | |
|------------------------------------|---|
| Reactivity | See section 7 |
| Chemical stability | Product is considered stable under normal use conditions. |
| Possibility of hazardous reactions | Hazardous polymerisation will not occur. |
| Conditions to avoid | See section 7 |
| Incompatible materials | See section 7 |
| Hazardous decomposition products | See section 5 |

SECTION 11 Toxicological information

Information on toxicological effects

| | |
|-----------------------------------|---|
| Acute Toxicity | polypropylene/ polyethylene glycol copolymer |
| | Oral(Rat) LD50; 2300 mg/kg ^[2] |
| | Ethylenediaminetetraacetic acid tetrasodium salt |
| | Oral(Rat) LD50; 1260 mg/kg * ^[2] |
| | zinc ricinoleate |
| | Oral(Rat) LD50; >2000 mg/kg ^[1] |
| Skin corrosion/irritation | Based on available data, the classification criteria are not met. |
| Serious eye damage/irritation | Based on available data, the classification criteria are not met. |
| Respiratory or skin sensitisation | Based on available data, the classification criteria are not met. |
| 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. |
| Legend: | 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2. * Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances |

SECTION 12 Ecological information

Toxicity

| | |
|-------------------------------------|---|
| Hard Floor Pet Stain & Odor Remover | Based on available data, the classification criteria are not met. |
|-------------------------------------|---|

Persistence and degradability

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|---------------------------------|-------------------------|------------------|
| Ethylenediaminetetraacetic acid | LOW | LOW |

Continued...

Hard Floor Pet Stain & Odor Remover

| Ingredient | Persistence: Water/Soil | Persistence: Air |
|---------------|-------------------------|------------------|
| disodium salt | | |

Bioaccumulative potential

| Ingredient | Bioaccumulation |
|---|------------------------|
| Ethylenediaminetetraacetic acid disodium salt | LOW (LogKOW = -3.8573) |

Mobility in soil

| Ingredient | Mobility |
|---|------------------|
| Ethylenediaminetetraacetic acid disodium salt | LOW (KOC = 1046) |

SECTION 13 Disposal considerations

Waste treatment methods

| | |
|------------------------------|--|
| Product / Packaging disposal | <p>Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area.</p> <ul style="list-style-type: none"> ▶ DO NOT allow wash water from cleaning or process equipment to enter drains. ▶ It may be necessary to collect all wash water for treatment before disposal. ▶ Recycle wherever possible. ▶ Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified. |
|------------------------------|--|

SECTION 14 Transport information

| | |
|------------------|----|
| Marine Pollutant | NO |
|------------------|----|

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

| Product name | Group |
|--|---------------|
| water | Not Available |
| polypropylene/ polyethylene glycol copolymer | Not Available |
| Ethylenediaminetetraacetic acid tetrasodium salt | Not Available |
| Ethylenediaminetetraacetic acid disodium salt | Not Available |
| zinc ricinoleate | Not Available |
| Polyether modified polydimethylsiloxane | Not Available |
| 1,2-benzisothiazoline-3-one | Not Available |

Transport in bulk in accordance with the ICG Code

| Product name | Ship Type |
|--|---------------|
| water | Not Available |
| polypropylene/ polyethylene glycol copolymer | Not Available |
| Ethylenediaminetetraacetic acid tetrasodium salt | Not Available |
| Ethylenediaminetetraacetic acid disodium salt | Not Available |
| zinc ricinoleate | Not Available |
| Polyether modified polydimethylsiloxane | Not Available |
| 1,2-benzisothiazoline-3-one | Not Available |

SECTION 15 Regulatory information

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

Continued...

Hard Floor Pet Stain & Odor Remover

water is found on the following regulatory lists

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

US TSCA Chemical Substance Inventory - Interim List of Active Substances

polypropylene/ polyethylene glycol copolymer is found on the following regulatory lists

US DOE Temporary Emergency Exposure Limits (TEELs)

US TSCA Chemical Substance Inventory - Interim List of Active Substances

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

Ethylenediaminetetraacetic acid tetrasodium salt is found on the following regulatory lists

US DOE Temporary Emergency Exposure Limits (TEELs)

US TSCA Chemical Substance Inventory - Interim List of Active Substances

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

Ethylenediaminetetraacetic acid disodium salt is found on the following regulatory lists

US DOE Temporary Emergency Exposure Limits (TEELs)

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

US List of Active Substances Exempt from the TSCA Inventory Notifications (Active-Inactive) Rule

US TSCA Chemical Substance Inventory - Interim List of Active Substances

zinc ricinoleate is found on the following regulatory lists

US CWA (Clean Water Act) - Priority Pollutants

US EPCRA Section 313 Chemical List

US CWA (Clean Water Act) - Toxic Pollutants

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

US EPA Integrated Risk Information System (IRIS)

US TSCA Chemical Substance Inventory - Interim List of Active Substances

Polyether modified polydimethylsiloxane is found on the following regulatory lists

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

US TSCA Chemical Substance Inventory - Interim List of Active Substances

1,2-benzisothiazoline-3-one is found on the following regulatory lists

US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory

US TSCA Chemical Substance Inventory - Interim List of Active Substances

Federal Regulations**Superfund Amendments and Reauthorization Act of 1986 (SARA)****Section 311/312 hazard categories**

| | |
|--|----|
| Flammable (Gases, Aerosols, Liquids, or Solids) | No |
| Gas under pressure | No |
| Explosive | No |
| Self-heating | No |
| Pyrophoric (Liquid or Solid) | No |
| Pyrophoric Gas | No |
| Corrosive to metal | No |
| Oxidizer (Liquid, Solid or Gas) | No |
| Organic Peroxide | No |
| Self-reactive | No |
| In contact with water emits flammable gas | No |
| Combustible Dust | No |
| Carcinogenicity | No |
| Acute toxicity (any route of exposure) | No |
| Reproductive toxicity | No |
| Skin Corrosion or Irritation | No |
| Respiratory or Skin Sensitization | No |
| Serious eye damage or eye irritation | No |
| Specific target organ toxicity (single or repeated exposure) | No |
| Aspiration Hazard | No |
| Germ cell mutagenicity | No |
| Simple Asphyxiant | No |
| Hazards Not Otherwise Classified | No |

US. EPA CERCLA Hazardous Substances and Reportable Quantities (40 CFR 302.4)

None Reported

State Regulations**US. California Proposition 65**

None Reported

SECTION 16 Other information

| | |
|--------------|------------|
| Initial Date | 26/05/2021 |
|--------------|------------|

Continued...

Hard Floor Pet Stain & Odor Remover

Other information

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

Definitions and abbreviations

PC—TWA: Permissible Concentration-Time Weighted Average
PC—STEL: Permissible Concentration-Short Term Exposure Limit
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists
STEL: Short Term Exposure Limit
TEEL: Temporary Emergency Exposure Limit.
IDLH: Immediately Dangerous to Life or Health Concentrations
ES: Exposure Standard
OSF: Odour Safety Factor
NOAEL :No Observed Adverse Effect Level
LOAEL: Lowest Observed Adverse Effect Level
TLV: Threshold Limit Value
LOD: Limit Of Detection
OTV: Odour Threshold Value
BCF: BioConcentration Factors
BEI: Biological Exposure Index