

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 03/07/2016

Reviewed on 03/07/2016

*** 1 Identification**

- **Product Identifier**
- **Trade name: PetAction 6 Month Collar**
- **Relevant identified uses of the substance or mixture and uses advised against:**
- **Product Description** Solid plastic matrix device, collar with and without buckle in white, gray, red or yellow.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**
TruRx LLC
500 E. Shore Drive, Suite 130
Eagle, ID 83616
(208) 939-8900
- **Emergency telephone number:** 855-844-4375

*** 2 Hazard(s) Identification**

- **Classification of the substance or mixture:**



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS09 Environment

Aquatic Acute 1 H400 Very toxic to aquatic life.

Aquatic Chronic 1 H410 Very toxic to aquatic life with long lasting effects.



GHS07

Acute Tox. 4 H302 Harmful if swallowed.

STOT SE 3 H335 May cause respiratory irritation.

- **Label elements:**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07



GHS08



GHS09

- **Signal word:** Warning

- **Hazard-determining components of labeling:**

deltamethrin (ISO)

Polyvinyl chloride

Titanium Dioxide

- **Hazard statements:**

H302 Harmful if swallowed.

H351 Suspected of causing cancer.

H335 May cause respiratory irritation.

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H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves.

P273 Avoid release to the environment.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P330 Rinse mouth.

P391 Collect spillage.

P405 Store locked up.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

44.9 % of the mixture consists of component(s) of unknown toxicity.

Classification system:**NFPA ratings (scale 0 - 4)****HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

Hazard(s) not otherwise classified (HNOC): None known*** 3 Composition/Information on Ingredients****Chemical characterization: Mixtures****Description:** Mixture: consisting of the following components.**Dangerous Components:**

CAS: 9002-86-2 RTECS: KV0350000	Polyvinyl chloride ⚠ STOT SE 3, H335	25-50%
CAS: 115-86-6 RTECS: TC 8400000	triphenyl phosphate ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	25-50%
CAS: 8013-07-8	Epoxidized Soybean Oil	2-12%
CAS: 52918-63-5	deltamethrin (ISO) ⚠ Acute Tox. 3, H301; Acute Tox. 3, H331; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	2-12%
CAS: 13463-67-7	Titanium Dioxide ⚠ Carc. 2, H351; ⚠ Acute Tox. 4, H332	≤ 2.5%

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* 4 First-Aid Measures

· **Description of first aid measures:**

· **General information:**

Symptoms of poisoning may occur after exposure to dust, fumes or particulates; seek medical attention if feeling unwell.

· **After inhalation:**

Supply fresh air; consult doctor in case of complaints.

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

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation occurs, consult a doctor.

· **After eye contact:** Rinse opened eye for several minutes under running water.

· **After swallowing:** Immediately call a doctor.

· **Information for doctor:** Treat symptomatically and supportively. No specific antidote.

· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

5 Fire-Fighting Measures

· **Extinguishing media:**

· **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.

· **Special hazards arising from the substance or mixture:** No further relevant information available.

· **Advice for firefighters:**

· **Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

* 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures:** Not required.

· **Environmental precautions:**

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

Do not allow to enter sewers/ surface or ground water.

· **Methods and material for containment and cleaning up:**

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Dispose of the collected material according to regulations.

· **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 Handling and Storage

· **Handling**

· **Precautions for safe handling:** No special precautions are necessary if used correctly.

· **Information about protection against explosions and fires:** No special measures required.

· **Conditions for safe storage, including any incompatibilities:**

· **Storage**

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

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

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- **Further information about storage conditions:** Keep receptacle tightly sealed.
- **Specific end use(s):** No further relevant information available.

* 8 Exposure Controls/Personal Protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters:**

· **Components with occupational exposure limits:**

9002-86-2 Polyvinyl chloride

PEL	Long-term value: 1 mg/m ³
TLV	Long-term value: 1* mg/m ³ *as respirable fraction

115-86-6 triphenyl phosphate

PEL	Long-term value: 3 mg/m ³
REL	Long-term value: 3 mg/m ³
TLV	Long-term value: 3 mg/m ³

8013-07-8 Epoxidized Soybean Oil

TWA	Short-term value: 5 mg/m ³ Long-term value: 15 mg/m ³
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52918-63-5 deltamethrin (ISO)

TWA	Short-term value: 10 mg/m ³ Long-term value: 0.03 mg/m ³
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13463-67-7 Titanium Dioxide

PEL	Long-term value: 15* mg/m ³ *total dust
REL	See Pocket Guide App. A
TLV	Long-term value: 10 mg/m ³ withdrawn from NIC

- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

· **Exposure controls:**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.

· **Breathing equipment:** Not required.

· **Protection of hands:**



Protective gloves

· **Material of gloves:** Not required.

· **Penetration time of glove material:** Not applicable.

· **Eye protection:** Not required.

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Trade name: **PetAction 6 Month Collar****9 Physical and Chemical Properties**· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

· Form:	Solid
· Color:	White
· Odor:	Faint Odor
· Odor threshold:	Not determined.
· pH-value:	Not applicable.

· **Change in condition**

· Melting point/Melting range:	Not determined.
· Boiling point/Boiling range:	214 °C (417 °F)

· **Flash point:** 220 °C (428 °F)· **Flammability (solid, gaseous):** Not determined.· **Ignition temperature:** 340 °C (644 °F)· **Decomposition temperature:** Not determined.· **Auto igniting:** Product is not self-igniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Explosion limits:**

· Lower:	0.3 Vol %
· Upper:	2.8 Vol %

· **Vapor pressure:** Not applicable.· **Density:**

· Relative density:	Not determined.
· Vapor density:	Not applicable.
· Evaporation rate:	Not applicable.

· **Solubility in / Miscibility with:**· **Water:** Insoluble.· **Partition coefficient (n-octanol/water):** Not determined.· **Viscosity:**

· Dynamic:	Not applicable.
· Kinematic:	Not applicable.

· **Solvent content:**

· Organic solvents:	39.9 %
· VOC content:	39.9 %

· **Solids content:** 77.0 %· **Other information:** No further relevant information available.**10 Stability and Reactivity**· **Reactivity:** No further relevant information available.· **Chemical stability:** Stable under normal conditions.· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

***11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**

- **LD/LC50 values that are relevant for classification:**

115-86-6 triphenyl phosphate

Oral LD50 3500 mg/kg (rat)

52918-63-5 deltamethrin (ISO)

Oral LD50 19-34 mg/kg (mouse)

67-139 mg/kg (rat)

Dermal LD50 >800 mg/kg (rat)

>2000 mg/kg (rabbit)

Inhalative LC50/4 h 785 mg/l (rat)

13463-67-7 Titanium Dioxide

Oral LD50 >10000 mg/kg (rat)

Dermal LD50 >10000 mg/kg (rabbit)

Inhalative LC50/4 h >6.82 mg/l (rat)

- **Primary irritant effect:**
- **On the skin:** May cause an allergic skin reaction.
- **On the eye:** No irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Harmful
Irritant

- **Carcinogenic categories:**
- **IARC (International Agency for Research on Cancer):**
 - Group 1 - Carcinogenic to humans
 - Group 2A - Probably carcinogenic to humans
 - Group 2B - Possibly carcinogenic to humans
 - Group 3 - Not classifiable as to its carcinogenicity to humans
 - Group 4 - Probably not carcinogenic to humans

9002-86-2	Polyvinyl chloride	3
52918-63-5	deltamethrin (ISO)	3
13463-67-7	Titanium Dioxide	2B

- **NTP (National Toxicology Program):**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

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Trade name: PetAction 6 Month Collar*** 12 Ecological Information**

- **Toxicity:**
- **Aquatic toxicity:**
Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

52918-63-5 deltamethrin (ISO)

EC50 | 1000 mg/l (daphnia)

13463-67-7 Titanium Dioxide

EC50 | >1000 mg/l (Water flea)

- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Very toxic for fish
- **Additional ecological information:**
- **General notes:**
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.
Poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal Considerations

- **Waste treatment methods:**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.

*** 14 Transport Information**

- **UN-Number:**
- **DOT, IMDG, IATA** Non-Regulated Material
- **ADR** UN3077
- **UN proper shipping name:**
- **DOT, IMDG, IATA** Non-Regulated Material
- **ADR** UN3077 Environmentally hazardous substances, solid, n.o.s. (triphenyl phosphate, deltamethrin (ISO))

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Trade name: PetAction 6 Month Collar**· Transport hazard class(es):****· DOT****· Class:** Non-Regulated Material**· ADR****· Class:** 9 (M7) Miscellaneous dangerous substances and articles**· Label:** 9**· IMDG, IATA****· Class:** Non-Regulated Material**· Packing group:****· DOT, IMDG, IATA** Non-Regulated Material**· ADR** III**· Environmental hazards:** Product contains environmentally hazardous substances: triphenyl phosphate, deltamethrin (ISO)**· Special marking (ADR):** Symbol (fish and tree)**· Special marking (IATA):** Symbol (fish and tree)**· Special precautions for user:** Warning: Miscellaneous dangerous substances and articles**· Danger code (Kemler):** 90**· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.**· Transport/Additional information:****· ADR****· Excepted quantities (EQ):** Code: E1

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 1000 g

· UN "Model Regulation": UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S., 9, III*** 15 Regulatory Information****· Safety, health and environmental regulations/legislation specific for the substance or mixture:****· SARA (Superfund Amendments and Reauthorization):****· Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

557-05-1 Zinc Distearate, pure

· TSCA (Toxic Substances Control Act):

9002-86-2 Polyvinyl chloride

115-86-6 triphenyl phosphate

103-23-1 Bis(2-ethylhexyl) adipate

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Trade name: PetAction 6 Month Collar

8013-07-8	Epoxidized Soybean Oil
13463-67-7	Titanium Dioxide
557-05-1	Zinc Distearate, pure
	Magnetite

· **California Proposition 65:**· **Chemicals known to cause cancer:**

13463-67-7 Titanium Dioxide

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **New Jersey Right-to-Know List:**

None of the ingredients are listed.

· **New Jersey Special Hazardous Substance List:**

None of the ingredients are listed.

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients are listed.

· **Carcinogenic categories:**· **EPA (Environmental Protection Agency):**

557-05-1 Zinc Distearate, pure

D, I, II

· **TLV (Threshold Limit Value established by ACGIH):**

9002-86-2 Polyvinyl chloride

A4

115-86-6 triphenyl phosphate

A4

13463-67-7 Titanium Dioxide

A4

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

13463-67-7 Titanium Dioxide

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**

GHS07 GHS08 GHS09

· **Signal word:** Warning· **Hazard-determining components of labeling:**

deltamethrin (ISO)

Polyvinyl chloride

Titanium Dioxide

· **Hazard statements:**

H302 Harmful if swallowed.

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Trade name: PetAction 6 Month Collar

H351 Suspected of causing cancer.
 H335 May cause respiratory irritation.
 H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves.
 P273 Avoid release to the environment.
 P264 Wash thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P201 Obtain special instructions before use.
 P202 Do not handle until all safety precautions have been read and understood.
 P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P308+P313 IF exposed or concerned: Get medical advice/attention.
 P330 Rinse mouth.
 P391 Collect spillage.
 P405 Store locked up.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

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

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

Date of preparation / last revision: 03/07/2016 / 9

Abbreviations and acronyms:

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
 ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
 IMDG: International Maritime Code for Dangerous Goods
 DOT: US Department of Transportation
 IATA: International Air Transport Association
 ACGIH: American Conference of Governmental Industrial Hygienists
 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)
 NFPA: National Fire Protection Association (USA)
 HMIS: Hazardous Materials Identification System (USA)
 VOC: Volatile Organic Compounds (USA, EU)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 NIOSH: National Institute for Occupational Safety
 OSHA: Occupational Safety & Health
 TLV: Threshold Limit Value
 PEL: Permissible Exposure Limit
 REL: Recommended Exposure Limit
 Acute Tox. 3: Acute toxicity, Hazard Category 3
 Acute Tox. 4: Acute toxicity, Hazard Category 4
 Carc. 2: Carcinogenicity, Hazard Category 2

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STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

· *** Data compared to the previous version altered.**

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