

Issue Date 05/15/2009

Revision Date 04/30/2015

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name StayPut Tabs

Other means of identification

Product Code 6694

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity, oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements

Harmful if swallowed
Causes skin irritation.
Causes serious eye damage.

Appearance: Blue, crystalline, solid tablets

Physical state: Solid

Odor: Sweet



Precautionary Statements - Prevention

Wear protective gloves, protective clothing, eye protection, and face protection. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink, or smoke when using this product.

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Precautionary Statements - Storage

Keep out of reach of children. Keep tightly closed in original container. Do not store near potential sources of ignition. Store in a cool, dry, ventilated area. Protect container against physical damage. Store away from incompatible materials (see section 10 of this SDS).

Precautionary Statements - Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

Hazards not otherwise classified (HNOC)**Other Information**

- None known

Unknown Acute Toxicity

0.27% of the mixture consists of component(s) of unknown acute oral toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Urea	57-13-6	35 – 45	*
Benzyl-C12-18-alkyldimethyl ammonium chlorides	68391-01-5	20 – 30	*

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

4. FIRST AID MEASURES**First aid measures****Skin Contact**

IF ON SKIN (or hair): Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Inhalation

IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.

Ingestion

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Most important symptoms and effect, both acute and delayed**Symptoms**

Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically. No specific treatment.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

This product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Protective equipment and precautions for firefighters

Use appropriate equipment for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures**Personal precautions**

Put on appropriate personal protective equipment (see section 8).

Methods and material for containment and cleaning up**Methods for containment & cleaning up**

This product is a dry powder pressed into tablet form. Sweep up and shovel into suitable containers for proper disposal. Use a water rinse for final cleanup.

7. HANDLING AND STORAGE

Precautions for safe handling**Advice on safe handling**

Wear appropriate personal protective equipment (PPE) to prevent contact with product. Do not mix with any other product or chemical. Use only with adequate ventilation. Immediately wash with water any contact or suspected contact with this product. Wash hands, face, and any exposed skin thoroughly after handling. Launder contaminated clothing before reuse. For commercial and industrial use only by professionals trained in the field of HVACR. Empty container may contain product residue which may exhibit hazards of product. Triple rinse container before proper disposal.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep out of reach of children. Keep tightly closed in original container. Do not store near potential sources of ignition. Store in a cool, dry, ventilated area. Protect container against physical damage. Store away from incompatible materials.

Incompatible Materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

CHEMICAL NAME	US AIHA WEEL	ACGIH TLV	OSHA PEL
Urea 57-13-6	TWA: 10 mg/m ³	None known	None known

Appropriate engineering controls**Engineering Controls**

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Safety glasses with side shields or chemical splash goggles and a face shield.

Hand Protection

Chemical-resistant gloves. Nitrile, neoprene, or other suitable material.

Skin and body protection

If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory Protection

In case of insufficient ventilation, wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be implemented whenever workplace conditions warrant use of a respirator.

General Hygiene

When using, do not eat, drink, or smoke. Wash hands after handling and before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Solid
Appearance	Blue, crystalline, solid tablets
Color	Blue
Odor	Sweet
Odor Threshold	Not available

<u>Property</u>	<u>Values</u>
pH	Not available
Melting point/freezing point	Not available
Initial boiling point and boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not applicable
U/L flammability or explosive limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density (specific gravity)	0.981
Solubility(ies)	100% in water
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Solid, does not flow

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under normal conditions.

Possibility Of Hazardous Reactions

No dangerous reactions known under normal use.

Conditions to Avoid

Contact with incompatible materials.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

May include and are not limited to: Hydrogen chloride. Ammonia.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Skin Contact	Not corrosive to skin based on in-vitro test data (OECD Guideline 435 - Corrositex®).
Eye Contact	Causes serious eye damage.
Inhalation	Prolonged inhalation may be harmful. May cause irritation to the respiratory system.
Ingestion	Harmful if swallowed.

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
Benzyl-C12-18-alkyldimethyl ammonium chlorides 68391-01-5	240 mg/kg (rat)	2,000 mg/kg (rat)	–
Urea 57-13-6	8,471 mg/kg (rat)	21,000 mg/kg (rabbit)	–

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity	This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC, ACGIH, or NTP.
Sensitization	No known effects.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive Toxicity	No data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
Teratogenicity	No data available to indicate product or any components contained at greater than 0.1% may cause birth defects.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information available.

Soil Mobility

No information available.

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of Wastes

Dispose of container and contents in accordance with local, regional, national and international regulations. Do not reuse empty containers. Triple rinse containers and offer for recycle where available. Dispose of packaging or containers in accordance with local, regional, national and international regulations.

RCRA Hazard Class

Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT *Not regulated*

IATA *Not regulated*

IMDG *Not regulated*

15. REGULATORY INFORMATION**International Inventories**

TSCA All components of this product are on the U.S. Toxic Substances Control Act (TSCA) Chemical Substances Inventory or are exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

U.S. Federal Regulations**SARA 313 Reportable Ingredients**

No reportable ingredients.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic health hazard	No
Fire hazard	No
Reactive hazard	No

CERCLA

Not listed.

U.S. State Regulations**California Proposition 65**

No reportable ingredients.

16. OTHER INFORMATION

Issue Date 05/15/2009
Revision Date 04/30/2015
Revision Note

N/A = Not Applicable; N/D = Not Determined

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet