

Issue Date 05/10/2013

Revision Date 03/18/2016

Version 2

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product Identifier

Product Name H2S Arrest

#### Other means of identification

Product Code 1547

#### 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

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

#### Label elements

#### Emergency Overview

#### Hazard statements

Causes skin and eye irritation.

**Appearance:** Red solid cake

**Physical state:** Solid

**Odor:** Neutral



#### Precautionary Statements - Prevention

Wear safety glasses with side shields (or goggles). Rubber gloves.

#### Precautionary Statements - Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store at temperatures above 40° C/104° F. Protect from direct sunlight. Keep away from heat. Do not contaminate food or feed stuffs. Keep out of the reach of children.

#### Precautionary Statements - Disposal

Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which, at their given concentration, are considered to be hazardous to health.

#### 4. FIRST AID MEASURES

##### First aid measures

<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.

##### Most important symptoms and effect, both acute and delayed

<b>Symptoms</b>	Contact will cause irritation and redness to exposed areas. May cause gastrointestinal disturbance.
-----------------	-----------------------------------------------------------------------------------------------------

##### Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	Treat symptomatically.
---------------------------	------------------------

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media:** Not determined.

##### Specific hazards arising from the chemical

Non-flammable solution.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

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

<b>Personal precautions</b>	Use personal protective equipment as required.
-----------------------------	------------------------------------------------

##### Methods and material for containment and cleaning up

<b>Methods for containment &amp; cleaning up</b>	Prevent further leakage or spillage if safe to do so. Uncontaminated spills can be returned to container. Product is biodegradable. This product is designed for use in sewage systems.
--------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

<b>Advice on Safe Handling</b>	Wash thoroughly after handling. Use personal protection recommended in Section 8.
--------------------------------	-----------------------------------------------------------------------------------

##### Conditions for safe storage, including any incompatibilities

<b>Storage Conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Do not store at temperatures above 40° C/104° F. Protect from direct sunlight. Keep away from heat. Do not contaminate food or feed stuffs. Keep out of the reach of children.
---------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Incompatible Materials**

None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Exposure Guidelines**

This product, as supplied, is not known to contain any materials with established occupational exposure limits.

**Appropriate engineering controls****Engineering Controls**

Apply technical measures to comply with the occupational exposure limits.

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

Wear safety glasses with side shields (or goggles).

**Skin and body protection**

Rubber gloves.

**Respiratory protection**

Ensure adequate ventilation, especially in confined areas.

**General Hygiene**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical State</b>	Solid
<b>Appearance</b>	Red solid cake
<b>Color</b>	Red
<b>Odor</b>	Neutral
<b>Odor Threshold</b>	Not determined

<b><u>Property</u></b>	<b><u>Values</u></b>
pH	Not applicable
Melting Point/Freezing Point	30°F (55°C)
Boiling Point/Boiling Range	Not applicable
Flash Point	None
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Upper Flammability Limits	None
Lower Flammability Limit	None
Vapor Pressure	Not applicable
Vapor Density	Not applicable
Specific Gravity	Not applicable
Water Solubility	Slightly soluble
Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined
VOC Content	None

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility Of Hazardous Reactions**

None under normal processing.

**Conditions To Avoid**

Excessive heat.

**Incompatible Materials**

None known based on information supplied.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION****Information on likely routes of exposure****Product Information**

<b>Skin Contact</b>	Avoid contact with skin.
<b>Eye Contact</b>	Avoid contact with eyes.
<b>Inhalation</b>	Avoid inhalation of dust.
<b>Ingestion</b>	Do not taste or swallow.

**Information on toxicological effects**

**Symptoms** Contact will cause irritation and redness to exposed areas. May cause gastrointestinal disturbance.

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

**Carcinogenicity** Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical measures of toxicity**

Not determined.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

Not determined.

**Soil Mobility**

Not determined.

**Persistence and Degradability**

Degradable by hydrolysis.

**Bioaccumulation**

Not determined.

**Other Adverse Effects**

Not determined.

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**California Hazardous Waste Status**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

**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**

All ingredients are listed or exempt from listing on Chemical Substance Inventory.

**Legend:**

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

**DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List**

**EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances**

**ENCS - Japan Existing and New Chemical Substances**

**IECSC - China Inventory of Existing Chemical Substances**

**KECL - Korean Existing and Evaluated Chemical Substances**

**PICCS - Philippines Inventory of Chemicals and Chemical Substances**

**AICS - Australian Inventory of Chemical Substances**

**U.S. Federal Regulations****CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Act (40 CFR 122.21 and 40 CFR 122.42).

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

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations.

**16. OTHER INFORMATION**

<b>NFPA</b>	Health hazards	ND	Flammability	ND	Reactivity	ND	Other	ND
<b>HMIS</b>	Health hazards	0	Flammability	0	Reactivity	0	Personal protection	B

Issue Date 05/10/2013  
Revision Date 03/18/2016  
Revision Note New format

**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**