

# SAFETY DATA SHEET

|   |  |                   |             |                   |          |              |   |            |             |            |   |              |  |
|---|--|-------------------|-------------|-------------------|----------|--------------|---|------------|-------------|------------|---|--------------|--|
| May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements. | <b>HMIS HAZARD RATING</b>  |                   |             |                   |          |              |   |            |             |            |   |              |  |
| SAFETEC OF AMERICA  | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">HEALTH</td> <td style="width: 33%;">1</td> <td style="width: 33%;">0 = INSIGNIFICANT</td> <td style="width: 33%;">3 = HIGH</td> </tr> <tr> <td>FLAMMABILITY</td> <td>1</td> <td>1 = SLIGHT</td> <td>4 = EXTREME</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2 = MODERATE</td> <td></td> </tr> </table> | HEALTH            | 1           | 0 = INSIGNIFICANT | 3 = HIGH | FLAMMABILITY | 1 | 1 = SLIGHT | 4 = EXTREME | REACTIVITY | 0 | 2 = MODERATE |  |
| HEALTH  | 1  | 0 = INSIGNIFICANT | 3 = HIGH    |                   |          |              |   |            |             |            |   |              |  |
| FLAMMABILITY  | 1  | 1 = SLIGHT        | 4 = EXTREME |                   |          |              |   |            |             |            |   |              |  |
| REACTIVITY  | 0  | 2 = MODERATE      |             |                   |          |              |   |            |             |            |   |              |  |

## SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

|   |   |                                  |
|---|---|----------------------------------|
| IDENTITY (AS USED ON LABEL AND LIST)                      |   | Page 1 of 2                      |
| <b>RED 2<sup>®</sup></b>                                  |   |                                  |
| MANUFACTURER'S NAME<br>Safetec of America, Inc.           | EMERGENCY TELEPHONE NUMBER (24 Hours)<br>(800) 255-3924 |                                  |
| ADDRESS (NUMBER, STREET, P.O. BOX)<br>887 Kensington Ave. | TELEPHONE NUMBER FOR INFORMATION<br>(716) 895-1822      |                                  |
| (CITY, STATE AND ZIP CODE)<br>Buffalo, NY 14215           | DATE PREPARED<br>SUPERSEDES                             | April 2, 2014<br>August 13, 2013 |

## SECTION 2 - HAZARDS IDENTIFICATION

|  |   |
|--|---|
| ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE   |   |
| INHALATION: Breathing of dust may cause throat and upper respiratory tract irritation.   |   |
| EYES: May cause moderate irritation associated with redness and burning sensation.   |   |
| INGESTION: Ingested material may cause burning of mouth, throat and esophagus, abdominal distress and moderate irritation.                         |   |
| SKIN: Prolonged or repeated contact may cause skin irritation.   |   |
| HEALTH HAZARDS (ACUTE):  | Acute effects are possible irritation and discomfort. |
| MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:<br>Pre-existing skin or breathing disorders may become aggravated through prolonged exposure. |   |

## SECTION 3 - COMPOSITION/ INFORMATION ON INGREDIENTS

| HAZARDOUS COMPONENTS<br>(SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)) | CAS #     | % (wt.)<br>(OPTIONAL) | ACGIH TLV/TWA/STEL |                   |     |                   |
|--|-----------|-----------------------|--------------------|-------------------|-----|-------------------|
|  |           |                       | PPM                | MG/M <sup>3</sup> | PPM | MG/M <sup>3</sup> |
| Superabsorbent polymer, CAS proprietary                              | 9003-04-7 | >97                   |                    | 5 (PEL)           |     | 5 (TLV)           |
| Sodium dichloro-s-triazinetriene                                     | 2893-78-9 |                       |                    | None Established  |     | None Established  |

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

## SECTION 4 - FIRST AID MEASURES

|   |  |
|---|--|
| EMERGENCY AND FIRST AID PROCEDURES  |  |
| INHALATION: Remove to fresh air; seek medical attention if required.  |  |
| EYES: Flush eyes with clear running water for a minimum of 15 minutes while holding eyelids open; if irritation persists, seek medical attention. |  |
| INGESTION: Drink large amounts of water. DO NOT induce vomiting. Seek medical attention.  |  |
| SKIN: Flush with clear running water for a minimum of 15 minutes; if irritation persists, seek medical attention.                                 |  |

## SECTION 5 - FIRE FIGHTING MEASURES

|   |  |          |
|---|--|----------|
| FLASH POINT (METHOD USED)<br>Not Applicable   | FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component)<br>LEL: N/A | UEL: N/A |
| EXTINGUISHING MEDIA<br>Water, water spray, water fog  |  |          |
| SPECIAL FIRE FIGHTING PROCEDURES<br>Use water spray to cool fire-exposed containers and structures. Wear NIOSH/MSHA approved self contained breathing apparatus.  |  |          |
| UNUSUAL FIRE AND EXPLOSIVE HAZARDS<br>Spilled material swells and becomes extremely slippery when wet. Use standard safety precautions for finely divided powders. Thermal decomposition may emit chlorine containing substances. |  |          |

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED  
In case of accidental spills, provide adequate ventilation; avoid generating dust. Vacuum (using HEPA filter equipped system) if possible to avoid generating airborne dust. Place spilled material into a clean, dry container for disposal. Do not close disposal containers containing wet or damp material; they should be left open to disperse any chlorine gas that may form.

## SECTION 7 - HANDLING AND STORAGE

Handling: Keep container(s) tightly closed when not in use. Storage: Store in cool, dry area. Keep this and other chemicals out of reach of children.

## SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

|   |  |
|---|--|
| RESPIRATORY PROTECTION<br>Use NIOSH/MSHA approved or equivalent with high efficiency filter for bulk quantities or for particulate levels above 0.05mg/m <sup>3</sup> . For retail or professional package quantities, respirator is not required | VENTILATION<br>LOCAL EXHAUST: Recommended<br>MECHANICAL (GENERAL): As appropriate          |
| PROTECTIVE GLOVES<br>Impervious rubber  | EYE PROTECTION<br>Safety glasses   |
| OTHER PROTECTIVE CLOTHING OR EQUIPMENT<br>Ordinarily, none required.  | WORK/HYGIENIC PRACTICES<br>Practice safe work habits. Use according to label instructions. |

## SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

|   |   |
|---|---|
| BOILING POINT<br>Not Applicable   | SPECIFIC GRAVITY (WATER = 1)<br>43.7 - 51.8 lb./cu.ft.  |
| VAPOR PRESSURE (mm Hg)<br>Not Applicable                                | MELTING POINT<br>>482°F (partial to full decomposition) |
| VAPOR DENSITY (AIR = 1)<br>Not Applicable                               | pH<br>No data   |
| SOLUBILITY IN WATER<br>Slight   | EVAPORATION RATE (n-BUTYL ACETATE=1)<br>Not applicable  |
| APPEARANCE AND ODOR<br>Off-white, granular powder; slight chlorine odor | % VOLATILES (BY WEIGHT)<br>Not applicable               |

~Verified on 2014-05 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-05. ~

**MATERIAL SAFETY DATA SHEET**

IDENTITY (AS USED ON LABEL AND LIST)

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RED Z®

Date: April 2, 2014

**SECTION 10 - STABILITY AND REACTIVITY**

|           |           |     |                                     |
|-----------|-----------|-----|-------------------------------------|
| STABILITY | UNSTABLE: |     | CONDITIONS TO AVOID                 |
|           | STABLE:   | XXX | High humidity, extreme temperatures |

**INCOMPATIBILITIES (MATERIALS TO AVOID)**

Strong reducing agents

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Decomposition will not occur if handled/stored properly. Thermal decomposition may emit toxic substances.

|                          |                 |     |                     |
|--------------------------|-----------------|-----|---------------------|
| HAZARDOUS POLYMERIZATION | MAY OCCUR:      |     | CONDITIONS TO AVOID |
|                          | WILL NOT OCCUR: | XXX | None known          |

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Component analysis - LC50: N/A

Component analysis - LD50: N/A

Effects of acute exposure: Possible irritation and discomfort

Sensitization: Non-hazardous by WHMIS/OSHA criteria.

Chronic Effects: chronic exposure to large amounts of this material has not been characterized and the irritating properties of the material make such an exposure highly unlikely.

Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.

Mutagenicity: Non-hazardous by WHMIS/OSHA criteria.

Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.

Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.

**SECTION 12 - ECOLOGICAL INFORMATION**

Component analysis - LC50: N/A

Component analysis - LD50: N/A

Ecotoxicity: N/A

Environmental Effects: N/A

Aquatic Toxicity: N/A

Persistence / degradability: N/A

Bioaccumulation / accumulation: N/A

Partition coefficient: N/A

Mobility in environmental media: N/A

Chemical fate information: N/A

Other adverse effects: N/A

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Environmental Protection Agency before disposing of any chemicals.

Waste from residues/unused product: N/A

Contaminated Packaging: N/A

**SECTION 14 - TRANSPORTATION INFORMATION**

|                        |               |       |               |
|------------------------|---------------|-------|---------------|
| PROPER SHIPPING NAME   | Not Regulated |       |               |
| HAZARD CLASS/PKG. GRP. | None/None     | REF.  | N/A           |
| IDENTIFICATION NUMBER  | None          | LABEL | None Required |

**SECTION 15 - REGULATORY INFORMATION**

Canadian Federal Regulation: N/A

US Federal Regulation: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous chemical- Yes

CERCLA (Superfund) reportable quantity - N/A

Superfund Amendments and Reauthorization Act of 1986 (SARA) - N/A

Clean Air Act (CAA) - N/A

Clean Water Act (CWA) - N/A

Safe Drinking Water Act (SDWA) - N/A

Drug Enforcement Agency (DEA) - N/A

Food and Drug Administration (FDA) - N/A

WHMIS classification - N/A

State regulations - N/A

Inventory Name - N/A

**SECTION 16 - OTHER INFORMATION**

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

Date Prepared: April 2, 2014

~Verified on 2014-05 by Henry Schein to be the most current version of the SDS. To be verified again on 2017-05. ~