Safety Datasheet

Section 1—Chemical Product and Company Identification

Product Identifier: BIG SHOT® Form 3-SP Formaldehyde Super Strength Toilet Treatment–Cherry

Product Use: Formaldehyde RTU Toilet Treatment

Manufacturer: Montgomery Manufacturing Co., 118 Industrial Drive, Kennedale, Texas 76060, tel 817-478-3221.

Emergency Contact: InfoTrac, +1 352-323-3500 (international), 800-535-5053 (toll free US and Canada).

Section 2—Hazards Identification

Physical Hazards:	Flammable Liquid: 4
Health Hazards:	Eye Corrosion: 1
	Skin Corrosion: 1
	Respiratory Sensitization: 1
	Specific Target Organ Toxicity (Single Exposure): 1
	Skin Sensitization: 1
	Germ Cell Mutagenicity: 2
	Carcinogenicity: 1A
Environmental Hazards:	Acute Aquatic Toxicity: 2
	Chronic Aquatic Toxicity: 3

Signal Word: DANGER

Symbols:

Hazard Statements: Combustible liquid. Causes severe skin burns and serious eye damage. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Causes damage to organs. May cause an allergic skin reaction. Suspected of causing genetic defects. May cause cancer. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Precautionary Statements: Keep away from flames and hot surfaces. No smoking. Wear protective gloves, eye protection, face protection. Avoid release to the environment. In case of fire: Use water, dry chemical, foam or CO_2 to extinguish. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dusts or mists. [In case of inadequate ventilation] wear respiratory protection. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Collect spillage. If exposed or concerned: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash

contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor. If experiencing respiratory symptoms: Call a poison center/doctor. Store locked up. Store in a well-ventilated place. Keep cool. Dispose of contents and container in accordance with local, regional, national, international regulations.

Other Hazards: None found.

Unknown Ingredients: N/D

Section 3—Information on Ingredients

Ingredient Name	Ingredient Percentage	Ingredient CAS No
The exact chemical identities and percentages of composition have been withheld as a trade secret.		

Section 4—First Aid Measures

Skin contact: If on skin or hair: Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse. Immediately call a doctor.

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 doctor.

Ingestion: If swallowed: Rinse mouth. DO NOT induce vomiting. Immediately call a doctor.

Inhalation: If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.

Most important symptoms/effects, acute and delayed: If exposed or concerned: Get medical advice/attention.

Indication of immediate medical attention/special treatment: N/D

Section 5—Fire-Fighting Measures

Suitable extinguishing media: Foam, carbon dioxide, dry chemical or water fog.

Specific hazard arising from chemicals: Cool container with water spray or fog to help absorb escaping fumes. Evacuate affected area. Stay upwind and avoid contact with smoke and fumes. If contact cannot be avoided wear personal protective equipment (See “personal Protective Equipment section”.) including chemical splash goggles and air mask with breathing supply. Run-off from fire control may cause pollution.

Special equipment and precautions: Wear suitable respiratory equipment when necessary

Section 6—Accidental Release Measures

Personal precaution, protective equipment, emergency procedures: Avoid contact with skin and eyes. Do not ingest. Do not inhale. Wear Personal Protective Equipment (refer to section 8).

Methods and material for containment and clean up: Review Fire and Explosion Hazards and Safety Precautions before proceeding with clean-up. Use appropriate personal protective equipment during clean up. Wear self-contained breathing apparatus and chemical-proof suit. Soak up small spills with earth, sand, or other noncombustible absorbent material and remove in covered containers. Dike large

spills and neutralize with dilute solutions of ammonia, sodium sulfite, or sodium bisulfite and remove. Flush area with plenty of water. Comply with Federal, State, and local regulations on reporting releases.

Section 7—Handling and Storage

Precautions for safe handling: Wash thoroughly after handling, especially before eating, drinking, smoking or using restroom facilities. Wash goggles and gloves. Launder contaminated clothing. Do not swallow. Do not get in eyes. Do not inhale mists or vapors.

Cautions for safe storage: Store locked up.

Incompatibilities: Strong oxidizing agents, caustics, strong alkalis, isocyanates, anhydrides, oxides and inorganic acids. Some formaldehyde solutions react with nitrogen dioxide, nitromethane, perchloric acid and aniline or peroxyformic acid to yield explosive compounds. A violent reaction occurs when some formaldehyde solutions are mixed with strong oxidizers.

Section 8—Exposure controls/personal protection

Exposure Limits:
Ingredient 2: OSHA PEL 0.75 ppm, 0.92 mg/m³, 8 Hr. (TWA). ACHIH TLV: Ceiling: 0.3 ppm, 0.37 mg/m3, A2.
Ingredient 3: OSHA PEL 200 ppm, 260 mg/m3- 8 Hr. (TWA-Skin). ACHIH TLV: 200 ppm, 262 mg/m3 Hr (TWA)

Specific Engineering: Not established.

Individual protective equipment and measures: Eye Protection: Prevent eye contact. Wear chemical splash goggles or similar eye protection if the potential exists for eye contact. Skin Protection: Avoid skin contact. Wear Butyl rubber or neoprene gloves to prevent contact. Launder contaminated clothing before re-use. Respiratory Protection: Full face respirator with formaldehyde cartridges when vapor concentration is 1-10. Self-contained breathing apparatus when concentration is 10-100. General Hygiene: Wash hands after handling. Other Protective Clothing or Equipment: Eye wash fountain and safety shower in area.

Section 9—Physical and Chemical Properties

Physical State: Liquid	Flammability (solid, gas): Not Flammable
Color: Blue	Vapor Pressure (mmHg): 23-26 mm Hg@77 °F
Odor: Cherry odor	Vapor Density (air= 1): >1
Odor Threshold: N/D	Relative Density: 1.05
pH: 5.5-6.0	Solubilities: In water: completely miscible
Melting point/freezing Point: Polymerizes and separates below 320 °F	Partition Coefficient: N/D
Initial Boiling Point and Boiling Range: 212 °F	Auto-Ignition Temperature: N/D
Flash Point: >150 °F TCC (EST)	Decomposition Temperature: N/D
Evaporation Rate: N/D	Viscosity: N/D
Upper/Lower Flammability or Explosive limits: N/D	

Section 10—Stability and Reactivity:

Chemical Stability: Stable	Condition to Avoid: High heat, flames and sparks.
Reactivity: No specific reactivity test data available for this mixture.	Possibility of Hazardous Reaction: Hazardous Polymerization: will not occur.

Incompatible Materials: Strong oxidizing agents, caustics, strong alkalis, isocyanates, anhydrides, oxides and inorganic acids. Some formaldehyde solutions react with nitrogen dioxide, nitromethane, perchloric acid and aniline or peroxyformic acid to yield explosive compounds. A violent reaction occurs when some formaldehyde solutions are mixed with strong oxidizers.	Hazardous Decomposition Products: N/D

Section 11—Toxicological information:

Information on the likely routes of exposure: Skin contact, eye contact, inhalation, ingestion.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Ingredient 1	>900 mg/kg	N/D	N/D
Ingredient 2	100 mg/kg	N/D	590 mg/kg
Ingredient 3	>5,600 mg/kg	N/D	N/D
Ingredient 4	1,300 mg/kg	N/D	N/D
Product as a Whole	3,106 mg/kg	N/D	N/D
The exact chemical identities and percentages of composition have been withheld as a trade secret.			

Important symptoms: Refer to Section 4—First Aid Measures.

Effects of Acute Exposure: Harmful if absorbed through skin caused general tissue damage. Methanol liquid and vapor can penetrate skin and mucous membranes. Skin contact should be avoided. Causes eye burns. Ingestion (swallowing): May be fatal or may cause blindness.

Effects of Chronic Exposure: N/D

Carcinogenicity: Ingredient 2: is listed as a carcinogen on the following: IARC, NTP, OSHA, ACGIH. It is listed on IARC as Group 1 human carcinogen for rare nasopharyngeal cancer in humans.

Other Data: N/D

Section 12—Ecological Information:

Ecotoxicity: Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
LC50: 10-100 mg/l, 96 hours (Fish)
EC50: 2 mg/l, 48 hours (Daphnia)
IC50: 0.4 mg/l, 24 hours (Algae)

Persistence and degradability: This product is readily biodegradable. BOD7 0.3 g/g COD 0.4 g/g TOC 0.15 g/g	Bioaccumulative Potential: N/D
Mobility in Soil: N/D	Other Adverse Effects: N/D

Section 13—Disposal Considerations

Waste Treatment Method: Avoid release to the environment. Collect spillage. DO NOT DUMP INTO ANY

SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device. Waste water treatment system.

Section 14—Transport Information

UN number:	UN proper shipping name:
Transport hazard class(es) :	Packing group if applicable:
Environmental hazards:	Special precautions:
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):	

Section 15—Regulatory information

No information found.

Section 16—Other Information

Key to Abbreviations:
no info not determined, no information found
N/D not determined, no information found

Date SDS Prepared: July 30, 2015

Suggested NFPA rating: N/D

Suggested HMIS rating: H=2, F=0, P=0, PPE=N/D. (NPCA recommends that PPE codes be determined by the employer, who is most familiar with the actual conditions under which chemicals are used at the work location.)

This information is prepared according to 29 CFR 1910.1200 and is based on typical working conditions, use of product according to label directions, and the works of others. It may not be accurate. Actual use conditions are beyond our control. Employers should make their own studies to determine the suitability of the information for their purposes. Users assume all risks of use, handling, and disposal of the product, or of publishing, use, or reliance upon, this information. We assume no liability for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.