

Material Safety Data Sheet (MSDS)

Revised 2/18/05

Section 1 - Chemical Product and Company Identification

US Office: Spot Shot Products A Division of WD-40 Company 1061 Cudahy Place San Diego, CA 92110 Information Phone #: (619) 275-1400 Emergency Phone # 24 hr: Chemtrec: (800) 424-9300 – Designated for use only in the event of chemical emergencies involving a spill, leak, fire exposure or accident involving chemicals.	Canadian Office: WD-40 Products [Canada] LTD. P.O. Box 220 Toronto, Ontario M9C 4V3 Information Phone #: (416) 622-9881 Emergency Phone # 24 hr: Canutec: (613) 996-6666 – Designated for use only in the event of chemical emergencies involving a spill, leak, fire exposure or accident involving chemicals.
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PRODUCT NAME: SPOT SHOT TRIGGER (32 oz.)

FORMULA: Mixture

GENERAL CLASS: Liquid Cleaning Aid

HMIS Rating

Health: 1

Flammability: 0

Reactivity: 0

Section 2 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent
Tetrasodium Ethylenediaminetetraacetic Acid	64-02-8	Less than 5%
2-Butoxyethanol	111-76-2	Less than 2%
Sodium Sulfite	7757-83-7	Less than 2%

See Section 8 for Exposure Limits

Section 3 – Hazards Identification

CLEAR LIQUID. PLEASANT ODOR.

CAUTION! EYE IRRITANT. PROLONGED SKIN CONTACT MAY CAUSE MILD IRRITATION. PROLONGED INHALATION OF SPRAY MIST MAY CAUSE RESPIRATORY TRACT IRRITATION. SULFITE SENSITIVE INDIVIDUALS MAY EXPERIENCE A SEVERE ALLERGIC REACTION IF EXPOSED TO THIS PRODUCT.

Avoid breathing concentrated spray mists. Use with adequate ventilation. Avoid eye contact and prolonged contact with skin and clothing. Wash thoroughly after handling.

Potential Health Effects:

Primary Routes of Entry: Inhalation, skin and eye contact.

Inhalation: Excessive inhalation can cause irritation of respiratory tract. Sulfite sensitive individuals may experience a serious allergic reaction.

Skin Contact: May cause mild skin irritation on prolonged contact.

Eye Contact: Liquid sprayed into eyes causes corneal irritation and pain.

Ingestion: Swallowing may cause gastrointestinal irritation with nausea and vomiting. This product has low oral acute toxicity. Sulfite sensitive individuals may experience a serious allergic reaction.

Chronic Effects: 2-butoxyethanol has caused lymphatic system, blood, liver and kidney damage.

Medical Conditions Aggravated by Exposure: Pre-existing respiratory, skin and eye disorders.

Section 4 – First Aid Measures

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

IF SWALLOWED: Do not induce vomiting unless directed to do so by medical personnel. Call a physician or poison control center. Give one to two eight-ounce glasses of water to drink if the patient is conscious and responsive. Never give anything by mouth to an unconscious person.

IF ON SKIN: Rinse skin with water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists or symptoms of exposure develop.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get immediate medical attention.

Section 5 – Fire Fighting Measures

Flammability Properties: Not flammable or combustible.

Extinguishing Media: Use any media that is appropriate for the surrounding fire.

Special Fire Fighting Instructions: In the event of a fire, wear full protective clothing and a NIOSH approved self-contained breathing apparatus with full face piece and operated in positive pressure mode.

Unusual Fire and Explosion Hazards: None known.

Section 6 – Accidental Release Measures

Spills: Wear suitable protective clothing if large amounts are involved. Wipe or soak up contents in an inert material. Pick up spill for recovery or disposal and place in a closed container.

Section 7 – Handling and Storage

Handling: Use with adequate ventilation. Avoid getting in eyes or on skin and clothing. Avoid breathing spray mists. Wash thoroughly after handling, and wash contaminated clothing before reuse.

Storage: No special storage required. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

Occupational Exposure Limits

Tetrasodium Ethylenediaminetetraacetic Acid	None Established
2-Butoxyethanol	20 ppm TWA ACGIH-TLV 50 ppm TWA OSHA PEL skin
Sodium Sulfite	None Established

The Following Controls are Recommended for Normal Consumer Use of this Product

Engineering Controls: Good general ventilation is adequate for normal use. When using large amounts, open windows or use a fan to ventilate the area.

Personal Protection:

Eye Protection: Avoid eye contact. Always spray product away from your face.

Skin Protection: Avoid prolonged or repeated skin contact. Wash hands with soap and water after use.

Respiratory Protection: None required. Use in a well-ventilated area.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Engineering Controls: A system of local and/or general exhaust is recommended to control airborne levels below the occupational exposure limits.

Personal Protection:

Eye Protection: Safety glasses with side shields or chemical goggles are recommended.

Skin Protection: Wear appropriate protective clothing and chemical-resistant gloves to avoid prolonged skin contact. Wash thoroughly after handling.

Respiratory Protection: Use in a well-ventilated area. Appropriate respiratory protection shall be worn when applied engineering controls are not adequate to protect against inhalation exposure.

Work/Hygiene Practices: Eye wash facilities should be available. Wash hands before eating and smoking.

Section 9 – Physical and Chemical Properties

Vapor Pressure:	Same as water	Vapor Density (air = 1):	Same as water
Specific Gravity (Water = 1):	N/D	Evaporation Rate (Butyl Acetate = 1):	Less than 1
Boiling Range: -	Approx. 212°F	% Volatiles by Volume:	>90%
Solubility in water (20 C):	miscible	VOC's lbs/gal:	N/D
Appearance and Odor:	Clear liquid with a pleasant odor	Coefficient of Water/Oil Distribution:	N/D

Section 10 – Stability and Reactivity

Stability: Stable under normal storage conditions.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None.

Incompatibilities: None known.

Hazardous Decomposition Products: None known.

Section 11 – Toxicological Information

Tetrasodium Ethylenediaminetetraacetic Acid: Acute oral LD50 (mg/kg): 3,030 (RAT); Acute Dermal LD50 (mg/kg): >5000 (RBT)

2-Butoxyethanol

Inhalation LC50 (ppm) 4-HR: 450 (RAT) Acute oral LD50 (mg/kg): 1,480 (RAT)

Acute Dermal LD50 (mg/kg): 490 (RBT) Irritation, Skin, open, 500 mg: MILD (RBT)

Irritation, Eye, 18 mg: SEVERE (RBT)

Sodium Sulfito: Acute oral LD50 (mg/kg): 3,560 (RAT)

Section 12 – Ecological Information

This product is not expected to be harmful for the environment.

Section 13 Disposal Considerations

Empty containers may be disposed of through normal waste management options. Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

Section 14 – Transportation Information

DOT Classification: Not Regulated

Section 15 – Regulatory Information

SARA 302: None

SARA 311/312 Hazard Categories: Immediate (acute), Chronic (delayed)

SARA 313: Toxic Chemicals: 2-butoxyethanol <2% by wt. (glycol ether compound)

OSHA: Hazardous under criteria of the OSHA Hazard Communication Standard (29 CFR 1910.1200)

California Proposition 65: No components listed.

Canadian Environmental Protection Act: All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification

Canadian WHMIS Classification: Class D, Division 2, Subdivision B (Toxic material causing other chronic effects)

This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

**HMIS Hazard Rating: Health – 1 (slight hazard), Fire Hazard – 0 (minimal hazard),
Reactivity – 0 (minimal hazard)**

Section 16 – Other Information

This MSDS complies with OSHA guidelines set by 29 CFR 1910.1200 and the Canadian WHMIS regulations. The foregoing information has been compiled from sources believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance of need that data is correct. Standards change without notice. It is the responsibility of the recipient to insure that their personnel have been notified of any changes which may affect them. The data provided on this MSDS are not meant to be used as specifications, only as guideline information as to the safe use of this product. User should refer to applicable laws before use.

N/D = Not Determined N/E = Not Established N/A = Not Applicable