



Material Safety Data Sheet (MSDS)

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER/SUPPLIER:**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

PRODUCT NAME: SPOT SHOT TRIGGER (new formula)**FORMULA:** Mixture**GENERAL CLASS:** Liquid Cleaning Aid**MSDS Date of Preparation/Revision:** March 21, 2014**HMIS Rating**

Health: 0

Flammability: 0

Reactivity: 0

SECTION 2 – HAZARDS IDENTIFICATION

Clear, colorless liquid. Pleasant odor.

CAUTION! May cause mild eye irritation. May cause skin dryness on prolonged contact.

This product is not toxic and is not expected to cause irritation when used as directed. Avoid eye contact. Avoid prolonged contact with skin. Avoid breathing mists. Use with adequate ventilation. Keep container closed when not in use. Keep out of the reach of children.

Potential Health Effects:**Primary Routes of Entry:** Inhalation, skin and eye contact.**Inhalation:** No adverse effects expected from normal use. Breathing of high concentrations of spray mists may cause minor irritation to the eyes, mucous membranes of the throat and nose and upper respiratory tract..**Skin Contact:** May cause dryness of skin on prolonged contact. No significant irritation is expected.**Eye Contact:** May cause mild irritation.**Ingestion:** Not orally toxic. May cause upset stomach, nausea and diarrhea if large amount is swallowed.**Chronic Effects:** None currently known.**Medical Conditions Aggravated by Exposure:** Individuals with pre-existing skin disorders may experience greater irritation on prolonged or repeated skin contact.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS #	Weight Percent
Water and non-hazardous ingredients	Mixture	Balance

Detergent Polymer	Proprietary	1-10%
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See Section 8 for Exposure Limits

SECTION 4 – FIRST AID MEASURES

IF INHALED: Not toxic. If irritation develops, discontinue use and move to fresh air. Get medical attention if irritation persists.

IF SWALLOWED: Not toxic. Rinse out mouth and give sips of water. Do not induce vomiting. Call physician, poison control center or the WD-40 Safety Hotline at 1-888-324-7596.

IF ON SKIN: No first aid should be required. If irritation develops, rinse thoroughly with water. If irritation persists, get medical attention.

IF IN EYES: Flush thoroughly with water for 5 minutes then remove contact lenses if present. Continue flushing eyes for 5-10 minutes. Get medical attention if irritation persists.

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, as with all chemicals 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 eye protection if needed to avoid eye contact. Gloves or other skin protection is not normally required. Small spills can be washed down the drain with plenty of water or collected with an absorbent material and placed in a container for disposal. Clean the spill area with water. Wash hands thoroughly after cleaning spill. Large spills should be contained with an inert absorbent material and collected for re-use or placed into containers for proper disposal.

SECTION 7 – HANDLING AND STORAGE

Handling: This product is not toxic and is not expected to cause irritation when used as directed. Avoid eye contact. Avoid prolonged contact with skin. Avoid breathing mists. Use with adequate ventilation. Keep container closed when not in use. Keep out of the reach of children.

Storage: Store in a cool, dry area, away from incompatible materials.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Detergent Polymer	None Established
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The Following Controls are Recommended for Normal Consumer Use of this Product

Engineering Controls: No special controls needed.

Personal Protection:

Eye Protection: Avoid eye contact. No special protection is required for normal use.

Skin Protection: No special protection is required for normal use. For sensitive skin or prolonged use, wear rubber gloves.

Respiratory Protection: None required.

For Bulk Processing or Workplace Use the Following Controls are Recommended

Engineering Controls: Use with adequate general ventilation or local exhaust to minimize exposure levels..

Personal Protection:

Eye Protection: Safety glasses or goggles recommended if splashing or exposure to spray mists is possible.

Skin Protection: Wear rubber gloves and protective clothing if needed to avoid prolonged skin contact.

Respiratory Protection: None normally required. If exposure levels are excessive and irritation is experienced, wear an approved respirator. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Work/Hygiene Practices: Avoid contact with the eyes. Wash hands thoroughly after use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:	Same as water	Vapor Density (air = 1):	Same as water
Specific Gravity (Water = 1):	~1.01	Evaporation Rate (Butyl Acetate = 1):	Same as water
Boiling Range: -	Not determined	% Volatiles by Volume:	Not determined
Solubility in water (20 C):	100%	VOC's lbs/gal:	Not determined
Appearance and Odor:	Clear, colorless liquid with a pleasant odor	Coefficient of Water/Oil Distribution:	Not determined
Freezing Point:	Not Applicable	Odor Threshold:	Not Determined
Explosion Impact:	None		

SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Hazardous Polymerization: Will not occur

Conditions to Avoid: None.

Incompatibilities: Strong oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon and nitrogen.

SECTION 11 – TOXICOLOGICAL INFORMATION

No animal testing was conducted on this product. The following data is based on assessment of the ingredients.

Product: Oral LD50 >5000 mg/kg; Dermal LD50 >2000 mg/kg – Classification: Non-Toxic

This product was found to be non-irritating to skin and only very mildly irritating to the eyes in *in-vitro* studies.

SECTION 12 – ECOLOGICAL INFORMATION

Biodegradability: Spot Shot Trigger is readily decomposed by naturally occurring microorganisms in the environment. The mean net dissolved organic carbon (DOC) was reduced by 81% on Day 28 in the OECD 301E study. Based on this study, Spot Shot Trigger can be classified as “readily biodegradable” by the OECD definition since greater than 70% biodegradation was observed within a 10 day window.

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
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US DOT/Canadian TDG Classification: Not Regulated

SECTION 15 – REGULATORY INFORMATION
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SARA 302: None

SARA 311/312 Hazard Categories: Not hazardous

SARA 313: Toxic Chemicals: None

OSHA: Not 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: Not a controlled product

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.

SECTION 16 – OTHER INFORMATION

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

Revision Date: 3/21/2014

Supersedes: 04/13/2011

Prepared By: Industrial Health & Safety Consultants, Inc.

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