



Material Safety Data Sheet

1 - Chemical Product and Company Identification

Manufacturer: WD-40 Company Address: 1061 Cudahy Place (92110) P.O. Box 80607 San Diego, California, USA 92138 -0607 Telephone: Emergency only: 1-888-324-7596 (PROSAR) Information: 1-888-324-7596 Chemical Spills: 1-800-424-9300 (Chemtrec) 1-703-527-3887 (International Calls)	Chemical Name: Mixture Trade Name: Carpet Fresh "Carpet Stain and Odor Remover" Product Use: Carpet Cleaner MSDS Date Of Preparation: May 7, 2010
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2 – Hazards Identification

Emergency Overview:

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.

Symptoms of Overexposure:

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 disorder

Suspected Cancer Agent:

Yes No ☒

3 - Composition/Information on Ingredients

Ingredient	CAS #	Weight Percent
Tetrasodium Ethylenediaminetetraacetic Acid	64-02-8	Less than 2%
2-Butoxyethanol	111-76-2	Less than 2%
Surfactants	Proprietary	Less than 2%
Sodium Sulfite	7757-83-7	Less than 1%

See Section 8 for Exposure Limits

4 – First Aid Measures

Ingestion (Swallowed): Call a physician or poison center immediately. Do not induce vomiting unless directed to do so by medical personnel. Call a physician or poison control center. Rinse mouth with water and 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.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. If contact lenses are present, remove them if easy to do after 5 minutes and continue flushing. Get immediate medical attention.

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

Inhalation (Breathing): Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if irritation or other symptoms develop and persist.

5 – Fire Fighting Measures

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

Special Fire Fighting Procedures: Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing for all fires involving chemicals.

Unusual Fire and Explosion Hazards: This product is not flammable or combustible.

6 – Accidental Release Measures

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.

7 – Handling and Storage

Handling: Use only 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.

8 – Exposure Controls/Personal Protection

Chemical	Occupational Exposure Limits
Tetrasodium Ethylenediaminetetraacetic Acid	None Established
2-Butoxyethanol	20 ppm TWA ACGIH-TLV 50 ppm TWA OSHA PEL skin
Surfactants	None Established
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.

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:	0.09%
Solubility in water (20 C):	miscible	VOC's lbs/gal:	N/D

Flash Point:	Not flammable or combustible	Flammable Limits:	Not applicable
Appearance and Odor:	Clear liquid with a pleasant odor	Coefficient of Water/Oil Distribution:	N/D

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.

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

The oral toxicity of this product is estimated to be greater than 5,000 mg/kg based on an assessment of the ingredients. This product is not classified as toxic by established criteria. None of the components of this product is listed as a carcinogen or suspected carcinogen.

12 – Ecological Information

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

13 Disposal Considerations

If this product becomes a waste, it would be not be expected to meet the criteria of a RCRA hazardous waste. However, it is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. 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.

14 – Transportation Information

DOT Classification: Not Regulated

IMDG Shipping Description: Not Regulated

15 – Regulatory Information

U.S. Federal Regulations:

CERCLA 103 Reportable Quantity: This product is not subject to CERCLA reporting requirements, however, many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

SARA TITLE III:

Hazard Category For Section 311/312: Acute Health, Chronic Health

Section 313 Toxic Chemicals: This product contains the following chemicals subject to SARA Title III

Section 313 Reporting requirements: 2-butoxyethanol <2% by wt. (glycol ether compound

Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on the TSCA inventory

California Safe Drinking Water and Toxic Enforcement Act of 1986: This product does not contain chemicals regulated under California Proposition 65.

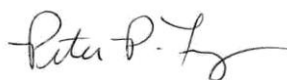
Canadian Environmental Protection Act: One of the components is listed on the NDSL. All of the other ingredients are listed on the Canadian Domestic Substances List or exempt from notification
Canadian WHMIS Classification: Class D, Division 2, Subdivision B (Toxic material causing other chronic effects)

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.

16 – Other Information:

HMIS Hazard Rating:

Health – 1 (slight hazard), Fire Hazard – 0 (minimal hazard), Physical Hazard – 0 (minimal hazard)

SIGNATURE:  TITLE: Director of Global Consumer Relations and Regulatory

REVISION DATE: May 2010 SUPERSEDES: New