



Spartan Chemical Company, Inc.

Material Safety Data Sheet

SECTION I: PRODUCT INFORMATION

Product Name or Number (as it appears on label):
CONTEMPO CARPET REFRESHER (AEROSOL)
 Product Number: 6410

Product Division:
Janitorial

Spartan Chemical Company, Inc.
 1110 Spartan Drive
 Maumee OH 43537

Product/Technical Information: 1-(800)-537-8990
 Medical Emergency: 1-(888)-314-6171 (24 hours)
 Chemical Leak/Spill Emergency: CHEMTREC 1-(800) 424-9300 (24 hours)

Shipping Description: ORM-D, Consumer commodity

NFPA Ratings:	HMIS Ratings:
Health: 1- Slight Fire: 4 - Extreme Reactivity: 0 - Minimal	Health: 1- Slight Fire: 4 - Extreme Reactivity: 0 - Minimal Pers. Prot. Equip.: See Section VIII

SECTION II: HAZARDOUS INGREDIENTS

(Listed when present at 1% or greater, carcinogens at 0.1% or greater) All component chemicals are listed or exempted from listing on the "TSCA Inventory" of chemical substances maintained by the U.S. Environmental Protection Agency.

Chemical Name(s)	%Wt	CAS Registry No.	Table Z-1-A			NTP, IARC or OSHA Carcinogen
			TWA mg/m ³	STEL mg/m ³	CEILING mg/m ³	
Propane	NA	74-98-6	1800	Not Established	Not Established	No
Isobutane	NA	75-28-5	1900 (NIOSH)	Not Established	Not Established	No
Ethanol	NA	64-17-5	1900	Not Established	Not Established	No

SECTION III: PHYSICAL DATA

Boiling Point: Propellant: -6.4 to 10.9 °F	Vapor Pressure: 65-75 psig @ 70 F
Vapor Density (AIR = 1): 1.194 (Propellant)	Solubility in Water: Soluble
pH: 7.5-8.0	Specific Gravity (H ₂ O=1): 0.98-0.99
Evaporation Rate (but.ace.=1): < 1	Percent Solid by Weight: 1-2%
Physical State: Aerosol can (pressurized liquid)	
Appearance & Odor: White foam spray with pleasant odor.	

SECTION IV: FIRE & EXPLOSIVE HAZARD DATA

Flash Point: < 20 °F	Method Used: Estimate
Flammable Limits: Lower: 3.3% (vol.) in air (ethanol) Upper: 19% (vol.) in air (ethanol) Explosion Limits: Lower: 1.8% (vol.) gas in air (propellant) Upper: 9.5% (vol.) gas in air (propellant)	Flame Extension: NA (Product dispenses as dense foam which is flammable.) NFPA 30B Level 1 Aerosol
Extinguishing Media: Dry chemical extinguisher (B-C), water.	
Special Fire Fighting Procedures: Stop the release of material if possible. Avoid accumulation of unburned materials. Remove personnel in general area. Observe maximum isolation when extinguishing fire. Expansion of liquid and change of state from liquid to vapor will allow combustible mixture to encompass a large area. Keep cans cool. Use equipment or shielding to protect personnel against bursting, rupturing or venting cans.	
Unusual Fire & Explosive Hazards: Flammable. Vapors may cause flash fire. Vapors are heavier than air and may travel along the ground or may be moved by ventilation systems and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point. At elevated temperatures (54°C/130°F) containers may vent, rupture or burst.	

SECTION V: HEALTH HAZARD DATA

Threshold Limit Value: Not Established	Primary Routes of Entry: Inhalation, Skin Contact, Eyes and Oral.
Effects of Overexposure- Conditions to Avoid:	May Cause Eye and Skin Irritation . May Cause Respiratory Irritation . Inhalation of vapors may cause central nervous system effects including anesthesia, euphoria, rapid breathing, headache, dizziness, narcosis, unconsciousness and death from asphyxiation depending on concentration and duration of exposure. The intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May be Harmful if Swallowed . Aspiration Hazard! Do not breathe vapors or mists . Avoid contact with eyes and skin . Do not swallow .
Conditions Aggravated by Use:	Preexisting skin and respiratory tract disorders.

Emergency & First Aid Procedures :

Eyes:	Flush eyes with water for at least 15 minutes. Remove contact lenses. Get medical attention if irritation persists.
Skin:	Wash with soap and water. Get medical attention if irritation persists.
Ingestion:	Do not induce vomiting. Drink one or two glasses of water to dilute. Get medical attention. Never give anything by mouth to an unconscious person.
Inhalation:	Move person to fresh air. Get medical attention if irritation persists. If breathing has stopped; restore breathing at once. Administer oxygen and get medical help.

SECTION VI: REACTIVITY DATA

Stability: Stable	Incompatible Materials: Strong oxidizing agents.
Hazardous Decomposition Products: Primarily carbon monoxide, volatile hydrocarbon vapors and carbon dioxide. Formation of oxides of nitrogen, oxides of sulfur and sulfur dioxide may occur.	Hazardous Polymerization: Will Not Occur

SECTION VII: SPILL OR LEAK PROCEDURES

Steps to be Taken in Case Material is Released or Spilled:	Eliminate sources of ignition. Soak up spills with absorbent material. Discard material in accordance with regulations. Flush surface with water. Surfaces may become slippery after spillage.
Waste Disposal Method:	Do not incinerate or puncture aerosol container. Dispose of in accordance with Federal; State and local regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	Not normally required, However, if exposure limits are exceeded (see Section II), a fully functioning NIOSH approved air purifying respirator for organic vapor with a dust and mist filter should be worn.
Ventilation:	Continuous ventilation is recommended to keep concentration in air below exposure limits (see Section II) and lower explosion / flammability limits for propellant and ethanol. Local exhaust ventilation may be necessary in some situations.
Protective Gloves(Specify Type):	Resistant gloves such as PVC or polyethylene are recommended for repeated or prolonged contact.
Eye Protection(Specify Type):	Goggles
Other Protective Equipment:	None required

SECTION IX: SPECIAL PRECAUTIONS

Precautions; Handling & Storing:	Contents under pressure. Do not use near heat, sparks and open flame. Do not smoke while using this product. Extinguish all flames, pilot lights and other sources of ignition before using this product. Vapors can travel along the ground to a source of ignition distant from the use area and flash back. Use only with adequate ventilation. Do not store below 32 F or above 130 F. Do not puncture or incinerate containers.
Other Precautions:	Keep out of reach of children.

© SCC 01/09/2012 Name: Ronald T. Cook Title: Manager, Regulatory Affairs
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(AEROSOL)
Ref: 29 CFR 1910.1200 (OSHA) Changes: General review

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