



Revision Date: 16-Jun-2026

Safety Data Sheet

Spartan Chemical Company, Inc.

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name: CONTEMPO CARPET REFRESHER
Product Code: 6410
Recommended Use: Carpet deodorant
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier: Spartan Chemical Company, Inc.
1110 Spartan Drive
Maumee, Ohio 43537 USA
800-537-8990 (Business hours)
www.spartanchemical.com

24 Hour Emergency Phone

Numbers:
Medical Emergency/Information: 888-314-6171
Transportation/Spill/Leak: CHEMTREC 800-424-9300

2. HAZARDS IDENTIFICATION

GHS Classification

Aerosols Category 1

Label elements

Signal word:

Symbols:

Danger



Physical hazards: Extremely flammable aerosol
Pressurized container: May burst if heated

Precautionary Statements - Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use
Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal

Precautionary Statements - Response:

-Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Precautionary Statements - Storage: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Precautionary Statements - Disposal: Not applicable

Hazards not otherwise classified (HNOC): Not applicable

Other hazards:

- May cause skin irritation.
- May cause eye irritation
- May be harmful if swallowed
- Inhalation of vapors or mist may cause respiratory irritation.
- Extinguish all flames, pilot lights and other sources of ignition before using this product. Vapors can travel along the floor to a source of ignition and start a fire.
- Keep out of reach of children

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS No.	Weight-%
Water	7732-18-5	65-85
Propane	74-98-6	3-7
Butane	106-97-8	1-5
Alcohol	64-17-5	1-5
Fragrance	PROPRIETARY	0.1-1
Secondary Alcohol Ethoxylate	84133-50-6	0.1-1
Sodium Benzoate	532-32-1	0.1-1
Sodium Nitrite	7632-00-0	0.1-1
Sodium Lauroyl Sarcosinate	137-16-6	0.1-1
Morpholine	110-91-8	<0.1
Linalool	78-70-6	<0.1
MIPA-Borate	26038-90-4	<0.1
MEA-Borate	26038-87-9	<0.1
Neryl Acetate	141-12-8	<0.1
Linalyl Acetate	115-95-7	<0.1
Limonene	5989-27-5	<0.1
Geranyl Acetate	105-87-3	<0.1
Geraniol	106-24-1	<0.1
Citronellol	106-22-9	<0.1
Citral	5392-40-5	<0.1
Allyl Cyclohexylpropionate	2705-87-5	<0.1

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Skin contact:	Wash with soap and water. If skin irritation occurs: Get medical attention.
Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or physician if you feel unwell.
Ingestion:	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
Note to physicians:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray (fog). Foam.
Specific Hazards Arising from the Chemical:	Extremely flammable aerosol. Exposure to high temperature may cause containers to burst. Bursting aerosol containers may be propelled from fire at high speed.
Hazardous Combustion Products:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters:	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Water may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions:	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for cleaning up:	Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

7. HANDLING AND STORAGE

Advice on safe handling:	Take precautionary measures against static discharges. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Extinguish all flames, pilot lights and other sources of ignition before using this product. Vapors can travel along the floor to a source of ignition and start a fire.
Storage Conditions:	NFPA 30B Level 1 Aerosol. Do not store in direct sunlight or above 122 F° / 50 C°. Exposure to high temperature may cause containers to burst. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Propane 74-98-6	: See Appendix F: Minimal Oxygen Content, explosion hazard Simple asphyxiant	TWA: 1000 ppm TWA: 1800 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³
Butane 106-97-8	STEL: 1000 ppm explosion hazard	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m ³
Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Sodium Benzoate 532-32-1	TWA: 2.5 mg/m ³ Benzoate inhalable particulate matter Sk*	-	-
Morpholine 110-91-8	TWA: 20 ppm Sk*	TWA: 20 ppm TWA: 70 mg/m ³ (vacated) TWA: 20 ppm (vacated) TWA: 70 mg/m ³ (vacated) STEL: 30 ppm (vacated) STEL: 105 mg/m ³ (vacated) Sk* Sk*	IDLH: 1400 ppm TWA: 20 ppm TWA: 70 mg/m ³ STEL: 30 ppm STEL: 105 mg/m ³
Citral 5392-40-5	TWA: 5 ppm inhalable fraction and vapor Sk* dermal sensitizer	-	-

Engineering Controls:	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
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Individual protection measures, such as personal protective equipment

Eye/face protection:	Not required with expected use.
Skin and body protection:	Not required with expected use.
Respiratory protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a

NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.

General hygiene considerations: Wash hands and any exposed skin thoroughly after handling.
See 29 CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Aerosol
Color: White
Odor: Pleasant
Odor Threshold: No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH:	7.5-8.0	
Melting Point / Freezing Point:	No data available	
Boiling Point / Boiling Range:	93 °C / 199 °F	(Product without propellant)
Flash Point:	< -18 °C / 0 °F	(Propellant-estimated)
Evaporation Rate:	< 1	
Flammability (solid, gas):	No data available	No information available
Flammability Limits in Air:		No information available
Upper Flammability Limit:	No data available	
Lower Flammability Limit:	No data available	
Vapor Pressure:	No data available	No information available
Vapor Density:	No data available	No information available
Relative Density:	0.98-0.99	(Product without propellant)
Solubility(ies):	Soluble in water	
Partition Coefficient:	No data available	No information available
Autoignition Temperature:	Not applicable	
Decomposition Temperature:	Not applicable	
Kinematic Viscosity:	No information available	No information available
Particle characteristics:	Not applicable	

10. STABILITY AND REACTIVITY

Reactivity: This material is considered to be non-reactive under normal conditions of use.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Not expected to occur with normal handling and storage.

Conditions to Avoid: Extremes of temperature and direct sunlight

Incompatible materials: Strong oxidizing agents. Strong acids.

Hazardous decomposition products: May include carbon monoxide, carbon dioxide (CO₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.

Symptoms of Exposure:

- Eye contact:** Pain and redness.
- Skin contact:** Drying of the skin.
- Inhalation:** Nasal discomfort and coughing.
- Ingestion:** Pain, nausea, vomiting and diarrhea.

Immediate, Delayed, Chronic Effects

Product Information: Data not available or insufficient for classification.

Target organ effects: Blood. Central nervous system. Eyes. Liver. Reproductive system. Respiratory system. Skin.

Acute toxicity

Numerical measures of toxicity:

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 176,690.40 mg/kg

ATEmix (inhalation-gas) 2,317,696.70 ppm
 ATEmix (inhalation-dust/mist) 2,925.6529 mg/l

Component Information:

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Propane 74-98-6	-	-	> 800000 ppm (Rat) 15 min
Butane 106-97-8	-	-	= 658 g/m ³ (Rat) 4 h
Alcohol 64-17-5	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat) 4 h = 133.8 mg/L (Rat) 4 h
Secondary Alcohol Ethoxylate 84133-50-6	= 2100 mg/kg (Rat)	-	-
Sodium Benzoate 532-32-1	= 4070 mg/kg (Rat)	-	-
Sodium Nitrite 7632-00-0	= 85 mg/kg (Rat)	-	= 5.5 mg/L (Rat) 4 h
Sodium Lauroyl Sarcosinate 137-16-6	> 5000 mg/kg (Rat)	-	0.05 - 0.5 mg/L (Rat) 4 h
Morpholine 110-91-8	= 1050 mg/kg (Rat)	310 - 810 mg/kg (Rabbit)	> 8000 ppm (Rat) 8 h
Linalool 78-70-6	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rabbit)	-
Neryl Acetate 141-12-8	> 2000 mg/kg (Rat)	> 6 mL/kg (Rabbit)	-
Linalyl Acetate 115-95-7	= 14550 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 18.94 mg/L (Rat) 8 h
Limonene 5989-27-5	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Geranyl Acetate 105-87-3	= 6330 mg/kg (Rat)	-	-
Geraniol 106-24-1	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Citronellol 106-22-9	= 3450 mg/kg (Rat)	= 2650 mg/kg (Rabbit)	-
Citral 5392-40-5	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	-
Allyl Cyclohexylpropionate 2705-87-5	= 585 mg/kg (Rat)	= 1600 mg/kg (Rabbit)	-

Carcinogenicity: No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Alcohol 64-17-5	-	LC50: 12.0 - 16.0mL/L (96h, Oncorhynchus mykiss) LC50: >100mg/L (96h, Pimephales promelas) LC50: 13400 - 15100mg/L (96h, Pimephales promelas)	-	LC50: 9268 - 14221mg/L (48h, Daphnia magna) EC50: =2mg/L (48h, Daphnia magna)
Secondary Alcohol	-	LC50: =3.2mg/L (96h,	-	EC50: =3.2mg/L (48h,

Ethoxylate 84133-50-6		Pimephales promelas)		water flea)
Sodium Benzoate 532-32-1	-	LC50: 420 - 558mg/L (96h, Pimephales promelas) LC50: >100mg/L (96h, Pimephales promelas)	-	EC50: <650mg/L (48h, Daphnia magna)
Sodium Nitrite 7632-00-0	-	LC50: =0.19mg/L (96h, Oncorhynchus mykiss) LC50: 0.092 - 0.13mg/L (96h, Oncorhynchus mykiss) LC50: 0.4 - 0.6mg/L (96h, Oncorhynchus mykiss) LC50: 0.65 - 1mg/L (96h, Oncorhynchus mykiss) LC50: =2.3mg/L (96h, Pimephales promelas) LC50: =20mg/L (96h, Pimephales promelas)	-	-
Sodium Lauroyl Sarcosinate 137-16-6	-	LC50: =107mg/L (96h, Danio rerio)	-	-
Morpholine 110-91-8	EC50: =28mg/L (96h, Pseudokirchneriella subcapitata)	LC50: =350mg/L (96h, Lepomis macrochirus) LC50: 375 - 460mg/L (96h, Oncorhynchus mykiss) LC50: >1000mg/L (96h, Brachydanio rerio)	-	-
Linalool 78-70-6	EC50: =88.3mg/L (96h, Desmodemus subspicatus)	LC50: =27.8mg/L (96h, Oncorhynchus mykiss)	-	EC50: =20mg/L (48h, Daphnia magna)
MEA-Borate 26038-87-9	-	LC50: >=100mg/L (96h, Danio rerio)	-	-
Linalyl Acetate 115-95-7	-	LC50: =11mg/L (96h, Cyprinus carpio)	-	-
Limonene 5989-27-5	-	LC50: 0.619 - 0.796mg/L (96h, Pimephales promelas) LC50: =35mg/L (96h, Oncorhynchus mykiss)	-	-
Geraniol 106-24-1	-	LC50: =22mg/L (96h, Danio rerio)	-	-
Citral 5392-40-5	EC50: =16mg/L (72h, Desmodemus subspicatus) EC50: =19mg/L (96h, Desmodemus subspicatus)	-	-	EC50: =7mg/L (48h, Daphnia magna)
Allyl Cyclohexylpropionate 2705-87-5	-	LC50: =0.13mg/L (96h, Pimephales promelas)	-	-

Persistence and Degradability: No information available.
Bioaccumulation: No information available.
Mobility in Soil: No information available.
Other adverse effects: No information available.

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: Dispose of in accordance with federal, state and local regulations.
Contaminated packaging: Dispose of in accordance with federal, state and local regulations.

14. TRANSPORT INFORMATION

DOT:

UN/ID No: UN1950
Proper Shipping Name: Aerosols
Hazard Class: 2.1
Special Provisions: This product meets the exception requirements of section 49 CFR 173.306 as a limited quantity and may be shipped as a limited quantity.
Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG:

UN number or ID number: UN1950
Proper Shipping Name: Aerosols
Hazard Class: 2.1
Additional information: Limited Quantity

15. REGULATORY INFORMATION

TSCA (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

SARA 313

This product does not contain listed substances above the "de minimus" level

SARA 311/312 Hazard Categories

Acute health hazard:	Yes
Chronic Health Hazard:	Yes
Fire hazard:	Yes
Sudden release of pressure hazard:	Yes
Reactive Hazard:	No

California Proposition 65

This product is not subject to warning requirements under California Proposition 65.

16. OTHER INFORMATION

NFPA	Health hazards: 1	Flammability: 2	Instability: 0	Special hazards: -
HMIS	Health hazards: 1	Flammability: 2	Physical hazards: 2	

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Revision Note: Section, 3, 8, 9, 11, 12

Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet