



Spartan Chemical Company, Inc.

WHMIS Safety Data Sheet

Revision Date: 23-Sep-2016

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: CLEAN ON THE GO SMOKE & ODOR ELIMINATOR [5]
Product Number: 4786C
Recommended Use: Air freshener
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

Canadian Agent:
Perley-Robertson, Hill & McDougal, LLP
340 Albert Street, Suite 1400
Ottawa, ON, Canada K1R 0A5

Medical Emergency/Information: 888-314-6171 (24 Hour)

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 2
Serious Eye Damage/Eye Irritation: Category 1
Skin Sensitization: Category 1B
Flammable Liquids: Category 3

GHS Label Elements

Signal Word:

Danger

Symbols:



Hazard Statements:

Causes skin irritation.
Causes serious eye damage
May cause an allergic skin reaction
Flammable liquid and vapor.

Precautionary Statements:

Prevention:

Wash hands and any exposed skin thoroughly after handling.
Wear eye / face protection
Wear protective gloves
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing must not be allowed out of the workplace
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground container and receiving equipment.
Use explosion-proof electrical equipment
Use only non-sparking tools
Take precautionary measures against static discharge

Response:

-Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

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| -Skin | IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. |
| -Specific Treatment: | See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information. |
| Fire: | In case of fire: Use CO2, dry chemical, or foam for extinction |
| Storage: | Store in a well-ventilated place. Keep cool |
| Disposal: | Dispose of contents and container in accordance with local, state and federal regulations. |
| Hazards Not Otherwise Classified: | Not Applicable |
| Other Information: | <ul style="list-style-type: none"> • May be harmful if swallowed. • Inhalation of vapors or mist may cause respiratory irritation. • Keep out of reach of children. |

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | CAS No | Weight-% |
|---|------------|-----------|
| water | 7732-18-5 | 42.5-45.0 |
| alcohol ethoxylate | 68439-46-3 | 17.5-20.0 |
| isopropanol | 67-63-0 | 12.5-15.0 |
| alkyl dimethyl benzyl ammonium chloride | 68424-85-1 | 1.0-2.5 |
| phenyl ethyl alcohol | 60-12-8 | 1.0-2.5 |
| linalool | 78-70-6 | 1.0-2.5 |
| citronellol | 106-22-9 | 1.0-2.5 |
| benzyl alcohol | 100-51-6 | 1.0-2.5 |
| benzyl acetate | 140-11-4 | 1.0-2.5 |
| 4-isopropyl cyclohexanol | 4621-04-9 | 1.0-2.5 |
| 2-tert-butylcyclohexyl acetate | 88-41-5 | 1.0-2.5 |

4. FIRST AID MEASURES

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| -Eye Contact: | Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. |
| -Skin Contact: | Wash with plenty of soap and water Take off contaminated clothing and wash before reuse If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. |
| -Inhalation: | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control 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

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| Suitable Extinguishing Media: | Water spray (fog), Carbon dioxide, Foam, Dry chemical |
| Specific Hazards Arising from the Chemical: | Vapors may travel to areas away from work site before igniting/flashing back to vapor source. Combustion products are toxic. |
| 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. Cool fire-exposed containers with water spray. |

6. ACCIDENTAL RELEASE MEASURES

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| Personal Precautions: | Avoid contact with eyes and skin. Use personal protective equipment as required. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). |
| Environmental Precautions: | Do not rinse spill onto the ground, into storm sewers or bodies of water. |

Methods for Clean-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: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

Storage Conditions: Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH |
|----------------------------|-------------------------------|---|---|
| isopropanol 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³ | IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³ |
| benzyl acetate 140-11-4 | TWA: 10 ppm | - | - |

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.

Personal Protective Equipment

Eye/Face Protection: Wear splash goggles.

Skin and Body Protection: Wear rubber or other chemical-resistant gloves.

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

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| Appearance/Physical State: | Liquid |
| Color: | Yellow |
| Odor: | Fresh green fragrance |
| pH: | 6.0-7.0 |
| Melting Point / Freezing Point: | No information available. |
| Boiling Point / Boiling Range: | 93 °C / 199 °F |
| Flash Point: | 29 °C / 84 °F |
| Evaporation Rate: | < 1 (Butyl acetate = 1) |
| Flammability (solid, gas) | No information available. |
| Upper Flammability Limit: | No information available. |
| Lower Flammability Limit: | No information available. |
| Vapor Pressure: | No information available. |
| Vapor Density: | No information available. |
| Specific Gravity: | 0.99 |
| Solubility(ies): | Soluble in water |
| Partition Coefficient: | No information available. |
| Autoignition Temperature: | No information available. |
| Decomposition Temperature: | No information available. |
| Viscosity: | No information available. |

10. STABILITY AND REACTIVITY

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| 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: | Heat, flames and sparks. |
| Incompatible Materials: | Strong oxidizing agents. Strong acids. |
| Hazardous Decomposition Products: | May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors. |

11. TOXICOLOGICAL INFORMATION

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| Likely Routes of Exposure: | Eyes, Skin, Ingestion, Inhalation. |
| Symptoms of Exposure: | |
| -Eye Contact: | Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage. |
| -Skin Contact: | Pain, redness and cracking of the skin. May cause sensitization by skin contact |
| -Inhalation: | Nasal discomfort and coughing. |
| -Ingestion: | Pain, nausea, vomiting and diarrhea. Ingestion may cause irritation to mucous membranes. |
| Immediate, Delayed, Chronic Effects | |
| Product Information: | Data not available or insufficient for classification. |
| Target Organ Effects: | -Eyes. Respiratory System. -Skin. |
| Numerical Measures of Toxicity | |
| The following acute toxicity estimates (ATE) are calculated based on the GHS document. | |
| ATEmix (oral): | 2149 mg/kg |
| ATEmix (dermal): | 4379 mg/kg |
| ATEmix (inhalation-dust/mist): | 13.9 mg/l |

Component Acute Toxicity Information

| Chemical Name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|----------------------|--|-------------------------|
| water 7732-18-5 | > 90 mL/kg (Rat) | Not Available | Not Available |
| alcohol ethoxylate 68439-46-3 | = 1378 mg/kg (Rat) | > 2 g/kg (Rabbit) | Not Available |
| isopropanol 67-63-0 | = 4396 mg/kg (Rat) | = 12800 mg/kg (Rat) = 12870 mg/kg (Rabbit) | = 72.6 mg/L (Rat) 4 h |
| alkyl dimethyl benzyl ammonium chloride 68424-85-1 | = 426 mg/kg (Rat) | Not Available | Not Available |
| phenyl ethyl alcohol 60-12-8 | = 1790 mg/kg (Rat) | = 790 µL/kg (Rabbit) | > 1.38 mg/L (Rat) 4 h |
| benzyl alcohol 100-51-6 | = 1230 mg/kg (Rat) | = 2000 mg/kg (Rabbit) | = 8.8 mg/L (Rat) 4 h |
| benzyl acetate 140-11-4 | = 2490 mg/kg (Rat) | > 5 g/kg (Rabbit) | Not Available |
| 4-isopropyl cyclohexanol 4621-04-9 | = 2750 mg/kg (Rat) | Not Available | Not Available |

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 |
|------------------------|--|---|----------------------------|-------------------------------------|
| isopropanol 67-63-0 | 1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50 | 9640: 96 h Pimephales promelas mg/L LC50 flow-through 11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50 | Not Available | 13299: 48 h Daphnia magna mg/L EC50 |

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|---------------------------------|--|--|---------------|---|
| phenyl ethyl alcohol 60-12-8 | 490: 72 h Desmodemus subspicatus mg/L EC50 | 220 - 460: 96 h Leuciscus idus mg/L LC50 static | Not Available | 287.17: 48 h Daphnia magna mg/L EC50 |
| linalool 78-70-6 | 88.3: 96 h Desmodemus subspicatus mg/L EC50 | Not Available | Not Available | 20: 48 h Daphnia magna mg/L EC50 |
| benzyl alcohol 100-51-6 | 35: 3 h Anabaena variabilis mg/L EC50 | 460: 96 h Pimephales promelas mg/L LC50 static 10: 96 h Lepomis macrochirus mg/L LC50 static | Not Available | 23: 48 h water flea mg/L EC50 |

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Contaminated Packaging: Dispose of in accordance with federal, state and local regulations.

US EPA Waste Number: D001

14. TRANSPORT INFORMATION

TDG / DOT: Not Regulated
UN/ID No: UN1993
Proper Shipping Name: Flammable liquids, n.o.s., (Isopropanol)
Hazard Class: 3
Packing Group: III
Special Provisions: Class 3, Packing Group III materials meet the exception requirements of section 49 CFR 173.150 when individual containers of not more than 1.3 gallons are packed in a strong outer packaging and ground transportation is utilized. Such containers may be reclassified as "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/ID No: UN1993
Proper Shipping Name: Flammable liquids, n.o.s., (Isopropanol)
Hazard Class: 3
Packing Group: III

15. REGULATORY INFORMATION

DSL / NDSL Status: (Domestic Substances List / Non-Domestic Substances List)

The chemical substances in this product are included on or exempt from listing on the Canadian DSL / NDSL.

TSCA Status: (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 contains the following listed substances:

isopropanol

CAS No 67-63-0 only if manufactured by the strong acid process, no supplier notification

SARA 311/312 Hazard Categories

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|---|-----|
| Acute Health Hazard: | Yes |
| Chronic Health Hazard: | Yes |
| Fire Hazard: | Yes |
| Sudden release of pressure hazard: | No |

Reactive Hazard: No

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| 16. OTHER INFORMATION |
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|-------------|--------------------|-----------------|---------------------|--------------|
| <u>NFPA</u> | Health Hazards: 2 | Flammability: 3 | Instability: 0 | Special: N/A |
| <u>HMIS</u> | Health Hazards: 2* | Flammability: 3 | Physical Hazards: 0 | |

Revision Date: 23-Sep-2016
Reasons for Revision: No information available.

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