



Safety Data Sheet

Spartan Chemical Company, Inc.

Revision Date: 19-Feb-2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: CLEAN ON THE GO XTRACTION II [9]
Product Number: 4738
Recommended Use: Carpet cleaner
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

Skin Corrosion/Irritation: Category 1
Serious Eye Damage/Eye Irritation: Category 1

GHS Label Elements

Signal Word:

Symbols:

Danger



Hazard Statements:

Causes severe skin burns and serious eye damage.

Precautionary Statements:

Prevention:

Do not breathe mist, vapors or spray.

Wash hands and any exposed skin thoroughly after handling.

Wear protective gloves. Wear eye / face protection. Wear protective clothing.

IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash contaminated clothing before reuse.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

Response:

-Eyes

-Skin

-Inhalation:

-Ingestion:

-Specific Treatment:

Storage:

Store locked up.

Disposal:

Dispose of contents and container in accordance with local, state and federal regulations.

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- 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	60-100
alcohol ethoxylate	68439-46-3	1-5
sodium carbonate	497-19-8	1-5
2-butoxyethanol	111-76-2	1-5
tetrasodium ethylenediaminetetraacetate	64-02-8	1-5
sodium alkyl naphthalenesulfonate	PROPRIETARY	1-5
hydrochloric acid	7647-01-0	<0.1
Trade Secret	Proprietary	<0.1
trisodium nitrilotriacetate	5064-31-3	<0.1
sodium hydroxide	1310-73-2	<0.1
formaldehyde	50-00-0	<0.1
ethylenediaminetriacetate acid, trisodium salt	19019-43-3	<0.1
sodium sulfate	7757-82-6	<0.1
fragrance	PROPRIETARY	<0.1
methanol	67-56-1	<0.1
acid green 25	4403-90-1	<0.1
acid yellow 36	587-98-4	<0.1
ammonium sulphate	7783-20-2	<0.1
acetaldehyde	75-07-0	<0.1
naphthalene	91-20-3	<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 at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Skin Contact:	Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Wash contaminated clothing before reuse. Discard or destroy contaminated shoes.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN. Never give anything by mouth to an unconscious person.
Note to Physicians:	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
Specific Hazards Arising from the Chemical:	Dried product is capable of burning. 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

Personal Precautions:
Environmental Precautions:
Methods for Clean-Up:

Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Do not rinse spill onto the ground, into storm sewers or bodies of water. 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.

Storage Conditions:

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits:

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
2-butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m ³ (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m ³
hydrochloric acid 7647-01-0	Ceiling: 2 ppm	(vacated) Ceiling: 5 ppm (vacated) Ceiling: 7 mg/m ³ Ceiling: 5 ppm Ceiling: 7 mg/m ³	IDLH: 50 ppm Ceiling: 5 ppm Ceiling: 7 mg/m ³
sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³
formaldehyde 50-00-0	Ceiling: 0.3 ppm	TWA: 0.75 ppm (vacated) TWA: 3 ppm unless specified in 1910.1048 (vacated) STEL: 10 ppm 30 min unless specified in 1910.1048 (vacated) Ceiling: 5 ppm unless specified in 1910.1048 STEL: 2 ppm see 29 CFR 1910.1048	IDLH: 20 ppm Ceiling: 0.1 ppm 15 min TWA: 0.016 ppm
methanol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	TWA: 200 ppm TWA: 260 mg/m ³ (vacated) TWA: 200 ppm (vacated) TWA: 260 mg/m ³ (vacated) STEL: 250 ppm (vacated) STEL: 325 mg/m ³ (vacated) S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m ³ STEL: 250 ppm STEL: 325 mg/m ³
acetaldehyde 75-07-0	Ceiling: 25 ppm	TWA: 200 ppm TWA: 360 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 180 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 270 mg/m ³	IDLH: 2000 ppm
naphthalene 91-20-3	STEL: 15 ppm TWA: 10 ppm S*	TWA: 10 ppm TWA: 50 mg/m ³ (vacated) TWA: 10 ppm (vacated) TWA: 50 mg/m ³ (vacated) STEL: 15 ppm (vacated) STEL: 75 mg/m ³	IDLH: 250 ppm TWA: 10 ppm TWA: 50 mg/m ³ STEL: 15 ppm STEL: 75 mg/m ³

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

Appearance/Physical State:	Liquid
Color:	Light green
Odor:	Floral fragrance
pH:	11.3-11.8
Melting Point / Freezing Point:	No information available.
Boiling Point / Boiling Range:	100 °C / 212 °F
Flash Point:	> 100 °C / > 212 °F ASTM D56
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:	1.049
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

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 (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

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, blistering and possible chemical burn.
-Inhalation:	Nasal discomfort and coughing.
-Ingestion:	Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.
Chronic Toxicity:	May cause adverse effects on the bone marrow and blood-forming system. May cause adverse liver effects.
Target Organ Effects:	Blood. Central nervous system. -Eyes. hematopoietic system. kidney. Liver. Respiratory System. -Skin.

Numerical Measures of Toxicity

The following acute toxicity estimates (ATE) are calculated based on the GHS document.

ATEmix (oral): 9234 mg/kg
 ATEmix (dermal): 30069 mg/kg
 ATEmix (inhalation-dust/mist): 34.4 mg/l
 ATEmix (inhalation-vapor): 108.5 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
sodium carbonate 497-19-8	= 4090 mg/kg (Rat)	Not Available	Not Available
2-butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h
tetrasodium ethylenediaminetetraacetate 64-02-8	= 10 g/kg (Rat)	Not Available	Not Available
hydrochloric acid 7647-01-0	= 700 mg/kg (Rat)	> 5010 mg/kg (Rabbit)	= 3124 ppm (Rat) 1 h
trisodium nitrilotriacetate 5064-31-3	= 920 mg/kg (Rat)	Not Available	> 5 mg/L (Rat) 4 h
sodium hydroxide 1310-73-2	Not Available	= 1350 mg/kg (Rabbit)	Not Available
formaldehyde 50-00-0	= 500 mg/kg (Rat)	Not Available	= 0.578 mg/L (Rat) 4 h = 1000 mg/m ³ (Rat) 30 min
sodium sulfate 7757-82-6	> 10000 mg/kg (Rat)	Not Available	Not Available
methanol 67-56-1	= 5628 mg/kg (Rat)	= 15800 mg/kg (Rabbit)	= 83.2 mg/L (Rat) 4 h = 64000 ppm (Rat) 4 h
acid yellow 36 587-98-4	= 5 g/kg (Rat)	Not Available	Not Available
ammonium sulphate 7783-20-2	= 2000 mg/kg (Rat)	Not Available	Not Available
acetaldehyde 75-07-0	= 1930 mg/kg (Rat)	Not Available	Not Available
naphthalene 91-20-3	= 490 mg/kg (Rat)	> 2500 mg/kg (Rat) > 20 g/kg (Rabbit)	> 340 mg/m ³ (Rat) 1 h

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

Chemical Name	ACGIH	IARC	NTP	OSHA
trisodium nitrilotriacetate 5064-31-3	Not Listed	Group 2B	Not Listed	Not Listed
formaldehyde 50-00-0	A2	Group 1	Known	Listed
acetaldehyde 75-07-0	Not Listed	Group 1 Group 2B	Reasonably Anticipated	Listed
naphthalene 91-20-3	Not Listed	Group 2B	Reasonably Anticipated	Listed

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
sodium carbonate 497-19-8	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h Pimephales promelas mg/L LC50 static	Not Available	265: 48 h Daphnia magna mg/L EC50
2-butoxyethanol 111-76-2	Not Available	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	Not Available	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50

tetrasodium ethylenediaminetetraacetate 64-02-8	1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static	Not Available	610: 24 h <i>Daphnia magna</i> mg/L EC50
hydrochloric acid 7647-01-0	Not Available	282: 96 h <i>Gambusia affinis</i> mg/L LC50 static	Not Available	Not Available
trisodium nitrilotriacetate 5064-31-3	560 - 1000: 96 h <i>Chlorella vulgaris</i> mg/L EC50	93 - 170: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 175 - 225: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 252: 96 h <i>Lepomis macrochirus</i> mg/L LC50 470: 96 h <i>Pimephales promelas</i> mg/L LC50 static 560 - 1000: 96 h <i>Oryzias latipes</i> mg/L LC50 560 - 1000: 96 h <i>Oryzias latipes</i> mg/L LC50 semi-static 72 - 133: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 560 - 1000: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 560 - 1000: 96 h <i>Poecilia reticulata</i> mg/L LC50 114: 96 h <i>Pimephales promelas</i> mg/L LC50	Not Available	560 - 1000: 48 h <i>Daphnia magna</i> mg/L LC50
sodium hydroxide 1310-73-2	Not Available	45.4: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static	Not Available	Not Available
formaldehyde 50-00-0	Not Available	22.6 - 25.7: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 1510: 96 h <i>Lepomis macrochirus</i> µg/L LC50 static 41: 96 h <i>Brachydanio rerio</i> mg/L LC50 static 0.032 - 0.226: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 flow-through 100 - 136: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 23.2 - 29.7: 96 h <i>Pimephales promelas</i> mg/L LC50 static	Not Available	2: 48 h <i>Daphnia magna</i> mg/L LC50 11.3 - 18: 48 h <i>Daphnia magna</i> mg/L EC50 Static
sodium sulfate 7757-82-6	Not Available	13500 - 14500: 96 h <i>Pimephales promelas</i> mg/L LC50 6800: 96 h <i>Pimephales promelas</i> mg/L LC50 static 3040 - 4380: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 13500: 96 h <i>Lepomis macrochirus</i> mg/L LC50	Not Available	630: 96 h <i>Daphnia magna</i> mg/L EC50 2564: 48 h <i>Daphnia magna</i> mg/L EC50
methanol 67-56-1	Not Available	28200: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 100: 96 h <i>Pimephales promelas</i> mg/L LC50 static 19500 - 20700: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 18 - 20: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static 13500 - 17600: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through	Not Available	Not Available

ammonium sulphate 7783-20-2	Not Available	460 - 1000: 96 h Leuciscus idus mg/L LC50 static 250: 96 h Brachydanio rerio mg/L LC50 480: 96 h Brachydanio rerio mg/L LC50 flow-through 420: 96 h Brachydanio rerio mg/L LC50 semi-static 18: 96 h Cyprinus carpio mg/L LC50 100: 96 h Pimephales promelas mg/L LC50 32.2 - 41.9: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 5.2 - 8.2: 96 h Oncorhynchus mykiss mg/L LC50 static 123 - 128: 96 h Poecilia reticulata mg/L LC50 semi-static 126: 96 h Poecilia reticulata mg/L LC50	Not Available	423: 24 h Daphnia magna mg/L EC50 14: 48 h Daphnia magna mg/L LC50
acetaldehyde 75-07-0	237 - 249: 120 h Nitzschia linearis mg/L EC50	28.0 - 34.0: 96 h Pimephales promelas mg/L LC50 flow-through 53: 96 h Lepomis macrochirus mg/L LC50 static 1.8 - 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 39.8 - 46.8: 96 h Pimephales promelas mg/L LC50 static	Not Available	3.64 - 6.15: 48 h Daphnia magna mg/L EC50 Static 48.3: 48 h Daphnia magna mg/L EC50
naphthalene 91-20-3	0.4: 72 h Skeletonema costatum mg/L EC50	5.74 - 6.44: 96 h Pimephales promelas mg/L LC50 flow-through 1.6: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.91 - 2.82: 96 h Oncorhynchus mykiss mg/L LC50 static 1.99: 96 h Pimephales promelas mg/L LC50 static 31.0265: 96 h Lepomis macrochirus mg/L LC50 static	Not Available	2.16: 48 h Daphnia magna mg/L LC50 1.96: 48 h Daphnia magna mg/L EC50 Flow through 1.09 - 3.4: 48 h Daphnia magna mg/L EC50 Static

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with federal, state and local regulations.

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

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
formaldehyde 50-00-0	U122	Included in waste streams: K009, K010, K038, K040, K156, K157		U122
methanol 67-56-1		Included in waste stream: F039		U154
acetaldehyde 75-07-0				U001
naphthalene 91-20-3	U165	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145		U165

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
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naphthalene 91-20-3			Toxic waste waste number F025 Waste description: Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.	
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14. TRANSPORT INFORMATION

DOT:**UN/ID No:**

UN1760

Proper Shipping Name:

Corrosive liquids, n.o.s., (contains sodium hydroxide)

Hazard Class:

8

Packing Group:

III

15. REGULATORY INFORMATION

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:

2-butoxyethanolCAS No 111-76-2 applies to R-(OCH₂CH₂)_n-OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate, Chemical Category N230**SARA 311/312 Hazard Categories****Acute Health Hazard:**

Yes

Chronic Health Hazard:

Yes

Fire Hazard:

No

Sudden release of pressure hazard:

No

Reactive Hazard:

No

California Proposition 65

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
formaldehyde - 50-00-0	Carcinogen
methanol - 67-56-1	Developmental
acetaldehyde - 75-07-0	Carcinogen
naphthalene - 91-20-3	Carcinogen

WARNING: This product contains a chemical known to the State of California to cause cancer.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

16. OTHER INFORMATION

NFPA
HMIS**Health Hazards:** 3
Health Hazards: 3***Flammability:** 0
Flammability: 0**Instability:** 0
Physical Hazards: 0**Special:** N/A**Revision Date:**

19-Feb-2015

Reasons for Revision:

No information available.

Disclaimer:

The information provided in this Material 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