

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : Citrus DC
 Manufacturer Product Number : 1311B

1.2 Other Means of Identification

Other Identifiers : Not Available

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : Natural cleaner and degreaser
 Restrictions on Use : None Identified

1.4 Supplier Details

	Manufacturer Details	Supplier Details
Company Name	Chem-Pak Inc	Chem-Pak Inc
Address	242 Corning Way, Martinsburg, WV 25405 - United States	242 Corning Way, Martinsburg, WV 25405 - United States
Phone Number	304-262-1880	304-262-1880
Fax Number	304-262-9643	304-262-9643
Email	msds@chem-pak.com	msds@chem-pak.com
Website	http://www.chem-pak.com	http://www.chem-pak.com

1.5 24 hr Emergency Phone Number

Emergency Number : 800-255-3924
 Chem-Tel

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Aerosol 1	H222	Physical Hazards	Flammable aerosol Category 1
Press. Gas (Comp.)	H280	Physical Hazards	Gases under pressure Compressed gas
Skin Irrit. 2	H315	Health Hazards	Skin corrosion/irritation Category 2
Skin Sens. 1	H317	Health Hazards	Skin sensitization, Category 1
Asp. Tox. 1	H304	Health Hazards	Aspiration hazard Category 1
Aquatic Acute 1	H400	Environmental Hazards	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	H410	Environmental Hazards	Hazardous to the aquatic environment - Chronic Hazard Category 1

2.2 Label Elements

Hazard Pictograms



Signal Word

Danger

Hazard Statements

H222 : Extremely flammable aerosol
 H280 : Contains gas under pressure; may explode if heated
 H304 : May be fatal if swallowed and enters airways
 H315 : Causes skin irritation
 H317 : May cause an allergic skin reaction
 H400 : Very toxic to aquatic life



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
Revision Date: 10/11/2019
Supersedes Date: 6/19/2017
Issue Date: 12/23/2002
Version: 9.0 (EN)-US
Page: 2/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Precautionary Statements	H410	: Very toxic to aquatic life with long lasting effects
	P210	: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
	P211	: Do not spray on an open flame or other ignition source.
	P251	: Pressurized container: Do not pierce or burn, even after use.
	P261	: Avoid breathing spray.
	P264	: Wash hands thoroughly after handling.
	P272	: Contaminated work clothing must not be allowed out of the workplace
	P273	: Avoid release to the environment.
	P280	: Wear protective gloves and eye protection.
	P301+P310	: If swallowed: Immediately call POISON CENTER
	P302+P352	: If on skin: Wash with plenty of water
	P331	: Do NOT induce vomiting.
	P333+P313	: If skin irritation or rash occurs: Get medical advice/attention.
	P362+P364	: Take off contaminated clothing and wash it before reuse.

P363	: Wash contaminated clothing before reuse.
P391	: Collect spillage.
P403	: Store in a well-ventilated place.
P410+P412	: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501	: Dispose of contents/container to local regulations

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

2.4 Unknown acute toxicity

20% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
60.46% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
78.95% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

Substance name	CAS Number	% wt*	Classification
Stoddard Solvent	8052-41-3	30 - 60	Flam. Liq. 3, H226 Asp. Tox. 1, H304
D-Limonene	5989-27-5	30 - 60	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
N-Butane	106-97-8	5 - 10	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Isobutane	75-28-5	5 - 10	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Propane	74-98-6	1 - 5	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Nonylphenoxy Poly(Ethyleneoxy) Ethanol	68412-54-4	1 - 5	Acute Tox. 4 (Oral), H302 Aquatic Acute 2, H401

Full text of hazard classes and H-statements : see section 16

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 - FIRST-AID MEASURES



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
Revision Date: 10/11/2019
Supersedes Date: 6/19/2017
Issue Date: 12/23/2002
Version: 9.0 (EN)-US
Page: 3/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4.1 Description of First-Aid Measures

General Measures	: Call a physician immediately.
Inhalation	: Remove person to fresh air and keep comfortable for breathing.
Skin Contact	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact	: Rinse eyes with water as a precaution.
Ingestion	: Do NOT induce vomiting. Call a physician immediately.
First-Aid Responder Protection	: Wear adequate personal protective equipment based on the nature and severity of the emergency.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure	: Eye Irritation, Nose Irritation, Dermatitis, Confusion, Skin Irritation, Headache, Dizziness, Narcosis, Drowsiness, Mucous Membrane.
Delayed Effects	: No known delayed effects.
Immediate Effects	: No known immediate effects.
Chronic Effects	: No known chronic effects.
Target Organs	: Central Nervous System, Eyes, Liver, Reproductive System, Respiratory System, Skin, Kidneys.

4.3 Indication of Immediate Medical Attention and Special Treatment

Notes to Physician	: Treat symptomatically.
Specific Treatments/Antidotes	: No Information Available.
Medical Conditions Aggravated	: May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

Extinguishing Media	: Water, carbon dioxide, dry chemical, universal aqueous film forming foam.
Unsuitable Media	: Water jet.

5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products	: Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.
Specific Hazards During Firefighting	: Extremely flammable. Contents under pressure. In a fire or if heated, a pressure increase will occur which may result in container bursting. Vapors heavier than air may spread along the ground and travel to an ignition source.

5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions	: Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat developed pressure.
Protection during Firefighting	: Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel	: Do not touch or walk through spill. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. No action should be taken involving any personnel without suitable training. Remove ignition sources and provide adequate ventilation only if it is safe to do so.
For Emergency Personnel	: Observe precautions provided for non-emergency personnel above. Use personal protection as recommended in Section 8.

6.2 Environmental Precautions

Environmental Precautions	: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination.
---------------------------	---



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
Revision Date: 10/11/2019
Supersedes Date: 6/19/2017
Issue Date: 12/23/2002
Version: 9.0 (EN)-US
Page: 4/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

6.3 Methods and Materials for Containment and Cleaning up

- Containment Procedures** : Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents.
- Cleanup Procedures** : Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.
- Other Information** : Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned.
- Prohibited Materials** : Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

- General Handling Precautions** : KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation.
- Hygiene Recommendations** : Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

7.2 Conditions for Safe Storage Including Any Incompatibilities

- Storage Requirements** : Storage of individual cans should be done in an area below 55°C (120 °F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended.
- Incompatibilities** : Segregate storage away from materials indicated in Section 10.
- NFPA 30B Classification** : This product is classified as a Level 3 Aerosol per NFPA 30B

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

N-Butane (106-97-8)

ACGIH	ACGIH TWA (mg/m ³)	1000 ppm
ACGIH	ACGIH Ceiling (mg/m ³)	1000 ppm
OSHA	OSHA PEL (TWA) (ppm)	800 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	1900
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm
California	California PEL (TWA) (mg/m ³)	1900 mg/m ³
California	California PEL (TWA) (ppm)	800 ppm

Propane (74-98-6)

OSHA	OSHA PEL (TWA) (mg/m ³)	1800 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	2100 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	1800 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
California	California PEL (TWA) (mg/m ³)	1800 mg/m ³
California	California PEL (TWA) (ppm)	1000 ppm

Isobutane (75-28-5)

ACGIH	ACGIH TWA (mg/m ³)	1000 ppm
NIOSH	NIOSH REL (TWA) (mg/m ³)	1900 mg/m ³
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm

D-Limonene (5989-27-5)

AIHA	WEEL TWA (ppm)	30 ppm
------	----------------	--------



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
Revision Date: 10/11/2019
Supersedes Date: 6/19/2017
Issue Date: 12/23/2002
Version: 9.0 (EN)-US
Page: 5/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Stoddard Solvent (8052-41-3)

ACGIH	ACGIH TWA (mg/m ³)	100 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	2900 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
California	California PEL (TWA) (mg/m ³)	525 mg/m ³
California	California PEL (TWA) (ppm)	100 ppm

8.2 Exposure Controls

Engineering Measures	: Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.
Personal Protective Equipment	
Eye / Face Protection	: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.
Hand Protection	: Chemical-resistant gloves, tested according to ASTM F903-17.
Remarks	: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.
Skin and Body Protection	: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.
Respiratory Protection	: An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits.
Compliance	: If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.
Other Protective Equipment	: Safety showers and eye-wash stations should be available in the workplace near where the material will be used.
Environmental Exposure Controls	: Avoid release to the environment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties

Boiling Point	> 159.00 °C	Melting / Freezing Point	> -96.00 °C
Flash Point, Liquid	> 41.00 °C	Flash Point, Propellant	-104.44 °C
Explosive Limits	LEL: 0.60 UEL: 22.50 vol %	Autoignition Temperature, Liquid	> 180.00 °C
Flammability	Extremely Flammable Aerosol	Density	0.751 g/cm ³
Molecular Weight	Not Available	Weight	6.267 lbs/gal
Vapor Pressure	Not Available	pH	Not Available
Vapor Density	Not Available	Evaporation Rate (nBAC=1)	Not Available
Viscosity	Not Available	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Pressurized Product	Heat Of Combustion	18982.43 BTU/lb
Appearance / Color	Clear, Colorless	Water Solubility	Not Available
Odor	Slight	Decomposition Temperature	Not Available

9.2 Environmental Properties

Percent Volatile	96.01 % wt	VOC Regulatory	721.33 g/L (6.02 lbs/gal)
Percent VOC	96.01 % wt	VOC Actual	721.01 g/L (6.02 lbs/gal)
Percent HAP	0.05 % wt	HAP Content	0.38 g/L (0.00 lbs/gal)
Global Warming Potential	0.61 GWP	Maximum Incremental Reactivity	2.4210 g O3/g
Ozone Depletion Potential	0.00 ODP		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : No specific test data related to reactivity is available for this products or its ingredients.



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
Revision Date: 10/11/2019
Supersedes Date: 6/19/2017
Issue Date: 12/23/2002
Version: 9.0 (EN)-US
Page: 6/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

10.2 Chemical Stability

Chemical Stability : This product is stable.

10.3 Possibility of Hazardous Reactions

Hazardous Reactions : Under normal conditions of storage and use, hazardous reactions are not expected to occur.

10.4 Conditions to Avoid

Conditions to Avoid : Electrostatic Discharge, Other Ignition Sources, Heat, Flames, Sparks.

10.5 Incompatible Materials

Materials to Avoid : Strong Oxidizing Agents, Strong Acids, Halogen Compounds, Aluminum Chloride, Chlorosulfuric Acid, Potassium Chlorate.

10.6 Hazardous Decomposition Products

Thermal Decomposition : Oxides of carbon, Aldehydes.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

N-Butane (CAS: 106-97-8 / EC: 203-448-7)

LC50 Inhalation (Rat)	658 mg/l/4h (ChemInfo)
LC50 Inhalation (Rat)	276000 ppm/4h (ChemInfo)

Propane (CAS: 74-98-6 / EC: 200-827-9)

LC50 Inhalation (Rat)	658 mg/l/4h (Lit.)
-----------------------	--------------------

Isobutane (CAS: 75-28-5 / EC: 200-857-2)

LC50 Inhalation (Rat)	368000 ppm/4h (ChemInfo)
-----------------------	--------------------------

Nonylphenoxy Poly(Ethyleneoxy) Ethanol (CAS: 68412-54-4 / EC:)

LD50 Oral (Rat)	2000 mg/kg (External SDS)
LD50 Dermal (Rabbit)	4400 mg/kg (Sigma-Aldrich)

D-Limonene (CAS: 5989-27-5 / EC: 227-813-5)

LD50 Oral (Rat)	4400 mg/kg (RTECS)
LD50 Dermal (Rabbit)	> 5000 mg/kg (RTECS)

Stoddard Solvent (CAS: 8052-41-3 / EC: 232-489-3)

LD50 Oral (Rat)	> 5000 mg/kg (RTECS)
-----------------	----------------------

Routes Of Exposure : Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.

Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure : See Section 4.2

Skin Corrosion/Irritation : Causes skin irritation.

Eye Damage/Irritation : Not classified

Respiratory or Skin Sensitization : May cause an allergic skin reaction.

Germ Cell Mutagenicity : Not classified

Reproductive Toxicity : Not classified

STOT-Single Exposure : Not classified

STOT-Repeated Exposure : Not classified

Aspiration Hazard : May be fatal if swallowed and enters airways.

Vaporizer : Aerosol

Carcinogen Data : None of the ingredients in the product are listed with OSHA, IARC, NTP or ACGIH as being a suspected or known carcinogen in a concentration greater than 0.1% by weight.

SECTION 12 - ECOLOGICAL INFORMATION



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
Revision Date: 10/11/2019
Supersedes Date: 6/19/2017
Issue Date: 12/23/2002
Version: 9.0 (EN)-US
Page: 7/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

12.1 Ecotoxicity and Ecological Properties

n-Butane (106-97-8)

Persistence and Degradability	Readily biodegradable in water.
Bioconcentration Factor	33.52
Log Pow	2.89
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).
Log Koc	1.641

Propane (74-98-6)

Persistence and Degradability	Readily biodegradable in water. Not applicable (gas). Photodegradation in the air.
BCF Fish	9 - 25 (BCF)
Log Pow	2.28 (Calculated)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

Isobutane (75-28-5)

Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Not applicable (gas).
BCF Fish	26.62
Log Pow	2.76
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	1.545

Nonylphenoxy Poly(Ethyleneoxy) Ethanol (68412-54-4)

LC50 Fish	7.9 mg/l Bluegill Sunfish - 96h
EC50 Daphnia	2.44 mg/l Water Flea - 48hr

d-Limonene (5989-27-5)

LC50 Fish	720 µg/l Fathead Minnow - 96h
EC50 Daphnia	0.36 mg/l Water Flea - 48hr
Persistence and Degradability	Biodegradability 70% / 28 days.
Theoretical Oxygen Demand	3.29 g O ₂ /g substance
BCF Fish	864.8 l/kg (BCFBAF v3.01, Pisces, QSAR, Fresh weight)
Log Pow	4.38 (Experimental value, Equivalent or similar to OECD 117, 37 °C)
Bioaccumulative Potential	Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).

Stoddard Solvent (8052-41-3)

LC50 Fish	Rainbow Trout - 96hr
Log Pow	3.16-7.06
Log Koc	log Koc, 2.85-6.74

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal	: Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.
Waste Disposal Of Packaging	: In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations.
Landfill Precautions	: Not Available.
Incineration Precautions	: ** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **.

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	: UN1950	UN1950	UN1950



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
 Revision Date: 10/11/2019
 Supersedes Date: 6/19/2017
 Issue Date: 12/23/2002
 Version: 9.0 (EN)-US
 Page: 8/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

14.2 UN Proper Shipping Name DOT (USA) IATA (AIR) IMDG (OCEAN)

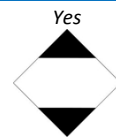
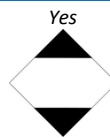
UN Proper Shipping Name : Aerosols, Limited Quantity Aerosols, Flammable, Limited Quantity Aerosols, Limited Quantity

14.3 Transport Hazard Class(es) DOT (USA) IATA (AIR) IMDG (OCEAN)

Transport Hazard Class(es) : 2.1 2.1 2.1
 Labels : None 2.1 - Flammable gas None



Limited Quantity : Yes Yes Yes



EmS Code : Not Applicable Not Applicable F-D, S-U

14.4 Packing Group DOT (USA) IATA (AIR) IMDG (OCEAN)

Packing Group : None None None

14.5 Environmental Hazards DOT (USA) IATA (AIR) IMDG (OCEAN)

Marine Pollutant : No No No

14.6 Special Precautions

Precautions : None Identified

14.7 Transport in Bulk

Remarks : Not applicable for product as supplied

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

SARA Section 313 : Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Chemical Name	CAS-No.	Concentration
1,4-Dioxane	123-91-1	0.001 - 0.01%
Ethylene Oxide	75-21-8	0.001 - 0.01%
Benzene	71-43-2	< 0.0001%
Naphthalene	91-20-3	< 0.0001%
Cumene	98-82-8	0.0001 - 0.001%
Ethyl Benzene	100-41-4	< 0.0001%
Toluene	108-88-3	0.01 - 0.1%

TSCA Section 12(b) : This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D

CERCLA Reportable Quantity : Chemical(s) subject to reporting requirements of Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) if released to the environment at or above the reportable quantity

Chemical Name	CAS-No.	Reportable Quantity
1,4-Dioxane	123-91-1	100 lb
Ethylene Oxide	75-21-8	10 lb
Benzene	71-43-2	10 lb
Naphthalene	91-20-3	100 lb
Cumene	98-82-8	5000 lb
Ethyl Benzene	100-41-4	1000 lb



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
 Revision Date: 10/11/2019
 Supersedes Date: 6/19/2017
 Issue Date: 12/23/2002
 Version: 9.0 (EN)-US
 Page: 9/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Toluene	CAS-No. 108-88-3	1000 lb
---------	------------------	---------

15.2 State Regulations

California Proposition 65

: This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Chemical Name (CAS No.)	Health Effect	Yes/No	Concentration (%)
1,4-Dioxane (123-91-1)	Cancer	Yes	0.003 %
Ethylene Oxide (75-21-8)	Cancer	Yes	0.003 %
Benzene (71-43-2)	Cancer	Yes	0.0 %
Naphthalene (91-20-3)	Cancer	Yes	0.0 %
Cumene (98-82-8)	Cancer	Yes	0.0004 %
Ethyl Benzene (100-41-4)	Cancer	Yes	0.0 %
Ethylene Oxide (75-21-8)	Developmental Toxicity	Yes	0.003 %
Benzene (71-43-2)	Developmental Toxicity	Yes	0.0 %
Toluene (108-88-3)	Developmental Toxicity	Yes	0.0405 %
Ethylene Oxide (75-21-8)	Reproductive Toxicity, Female	Yes	0.003 %
Ethylene Oxide (75-21-8)	Reproductive Toxicity, Male	Yes	0.003 %
1,4-Dioxane (123-91-1)	No significance risk level (NSRL)	30	
Ethylene Oxide (75-21-8)	No significance risk level (NSRL)	2	
Ethyl Benzene (100-41-4)	No significance risk level (NSRL)	54	
Toluene (108-88-3)	No significance risk level (NSRL)	7000 µg/day	

State Right-to-Know Lists

: The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

Chemical Name (CAS No.)	State(s)
n-Butane (106-97-8)	U.S. - New Jersey - Right to Know Hazardous Substance List
Propane (74-98-6)	U.S. - New Jersey - Right to Know Hazardous Substance List
Isobutane (75-28-5)	U.S. - New Jersey - Right to Know Hazardous Substance List
1,4-Dioxane (123-91-1)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Ethylene Oxide (75-21-8)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Benzene (71-43-2)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Naphthalene (91-20-3)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Cumene (98-82-8)	U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Ethyl Benzene (100-41-4)	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Toluene (108-88-3)	U.S. - Massachusetts - Right To Know List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Stoddard Solvent (8052-41-3)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 - OTHER INFORMATION

Indication of changes

Section	Changed item	Change
1	Supersedes	Added
1	SDS US Regulation reference	Added
1	Revision date	Modified
1	Date of issue	Modified
2.1	GHS-US classification	Added
2.2	Precautionary statements (GHS US)	Added
2.2	Hazard statements (GHS US)	Added
3	Composition/Information on ingredients	Modified
4	Symptoms/effects after inhalation	Added
4	Symptoms/effects after eye contact	Added
4	Other medical advice or treatment	Added
4	Symptoms/effects after ingestion	Added
4	Symptoms/effects after skin contact	Added



SAFETY DATA SHEET

Part No. 1311B (Aerosol)

Print Date: 11/10/2019
Revision Date: 10/11/2019
Supersedes Date: 6/19/2017
Issue Date: 12/23/2002
Version: 9.0 (EN)-US
Page: 10/10

Citrus DC

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

4.1	First-aid measures after inhalation	Added
4.1	First-aid measures after eye contact	Added
4.1	First-aid measures general	Added
4.1	First-aid measures after ingestion	Added
4.1	First-aid measures after skin contact	Added
8.2	Compliance	Added
8.2	Remarks	Added
8.2	Hand Protection	Added
8.2	Environmental Exposure Controls	Added
8.2	Respiratory Protection	Added
8.2	Respiratory protection	Added
8.2	Hand protection	Added
8.2	Eye protection	Added
8.2	Appropriate engineering controls	Added
8.2	Skin and body protection	Added
9	Relative vapor density at 20 °C	Added
9	Explosive limits (vol %)	Added
9	Melting point	Modified
9	Auto-ignition temperature	Modified
9	Specific gravity / density	Modified
9	Explosive properties	Added
10	Hazardous decomposition products	Added
10	Conditions to avoid	Added
12.1	Ecology - general	Added
14	User Precautions	Added
14	EmS Code (Column 15 in IMDG Book 2)	Added
15	Select the Appropriate Proposition 65 Notice	Added

Disclaimer of Liability

The information contained herein is based upon data provided to us by our suppliers, and reflects our best judgement. However, no warranty of merchantability, fitness for any use, or any other warranty or guarantee is expressed or implied regarding the accuracy of such data, or the results to be obtained from use thereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the suitability of the material for any particular use. Although certain hazards are described herein, we cannot guarantee these are the only hazards that exist.