



# MATERIAL SAFETY DATA SHEET

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**303-1001**

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS &amp; 2001/58 EC Standards

MSDS Revision: 3.0

MSDS Revision Date: 03/05/2009

## 1. PRODUCT IDENTIFICATION

1.1	Product Name: <b>303 FABRIC CLEANER™</b>
1.2	Chemical Name: <b>See ingredients listed in section 3</b>
1.3	Synonyms: <b>None reported by the manufacturer</b>
1.4	Trade Names: <b>303 FABRIC CLEANER™</b>
1.5	Product Use: <b>Fabric cleaner</b>
1.6	Manufacturer's Name: <b>303 Products, Inc.</b>
1.7	Manufacturer's Address: <b>P.O. Box 966, Palo Cedro, CA 96073</b>
1.8	Emergency Phone: <b>CHEMTREC: +1 (800) 424-9300 / +1 (703) 527-3887</b>
1.9	Business Phone / Fax: <b>+1 (530) 549-5617</b>

## 2. IDENTIFICATION OF RISKS

2.1	Hazard Identification: <b>This product is NOT classified as a HAZARDOUS SUBSTANCE or as DANGEROUS GOODS according to the classification criteria of [NOHSC: 1088(2004)] and the ADG Code (Australia). In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from ChemTrec or the U.S. manufacturer, and show them this MSDS.</b>			
2.2	Routes of Entry:	INHALATION: <b>NO</b>	SKIN & EYES: <b>YES</b>	INGESTION: <b>YES</b>
2.3	Effects of Exposure: <b>EYES:</b> Possible irritation and burning sensation. <b>SKIN:</b> Possible irritation and dermatitis (rash) at site of exposure.. <b>INGESTION:</b> Possible gastrointestinal irritation, nausea, vomiting or diarrhea. <b>INHALATION:</b> No adverse health effects expected.			
2.4	Symptoms of Exposure: <b>EYES:</b> Irritation and burning sensation. <b>SKIN:</b> Possible irritation and dermatitis (rash), characterized by red, dry, itching skin at site of exposure. <b>INGESTION:</b> Gastrointestinal discomfort, nausea, vomiting, and headache. <b>INHALATION:</b> No adverse health effects expected.			
2.5	Acute Health Effects: <b>EYES:</b> Possible irritation. <b>SKIN:</b> Possible irritation and dermatitis (rash) at site of exposure. <b>INGESTION:</b> Possible gastrointestinal irritation, nausea, vomiting or diarrhea. <b>INHALATION:</b> No adverse health effects expected.			
2.6	Chronic Health Effects: <b>None known.</b>			
2.7	Target Organs: <b>None reported by the manufacturer.</b>			
2.8	Toxicological Properties: <b>None reported by the manufacturer.</b>			

## 3. COMPOSITION & INGREDIENTS

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m <sup>3</sup> )									
					ACGIH		NOHSC			OSHA			OTHER	
					TLV	STEL	ppm	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL		IDLH
PROPRIETARY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	

NA = Not Available; ND = Not Determined; NE = Not Established; NF = Not Found; C = Ceiling Limit; See Section 16 for Additional Definitions of Terms Used. NOTE: all WHMIS required information is included. It is located in appropriate sections based on the ANSI Z400.1-2004 format.



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## 4. FIRST AID

4.1	First Aid: <b>EYES:</b> Flush eyes thoroughly with copious amounts of water for at least 20 minutes, holding eyelids open to ensure complete flushing. If irritation persists, contact a physician. <b>SKIN:</b> Wash affected areas with soap and water. If irritation persists, contact a physician. Launder clothing before reuse. <b>INGESTION:</b> If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration. <b>INHALATION:</b> Remove victim to fresh air at once.
4.2	Medical Conditions Aggravated by Exposure: <b>None known.</b>

## 5. FIRE & EXPLOSION HAZARDS

5.1	Flashpoint & Method: <b>Non flammable</b>
5.2	Autoignition Temperature: <b>Not applicable</b>
5.3	Flammability Limits: Lower Explosive Limit (LEL): <b>NA</b> Upper Explosive Limit (UEL): <b>NA</b>
5.4	Fire & Explosion Hazards: <b>None known.</b>
5.5	Extinguishing Methods: <b>CO<sub>2</sub>, sand, dry chemical, halon, foam, and indirect water spray or fog, (for surrounding materials).</b>
5.6	Firefighting Procedures: <b>Poses no unusual fire or explosion hazard. Keep containers cool until well after the fire is out. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters should wear full-face, self-contained breathing apparatus (MSHA/NIOSH approved or the equivalent) and impervious clothing.</b>



## 6. SPILLS & LEAKS

6.1	Spills: <b>Secure spill area and maximize ventilation. Stop spill or leak at source if safely possible. Deny entry to all unprotected individuals. Individuals involved in the cleanup must wear appropriate personal protective equipment. Recover free liquid or cover with inert absorbent material and place into appropriate container(s) for disposal. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers or any natural waterway or drinking supply.</b>
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## 7. STORAGE & HANDLING

7.1	Work & Hygiene Practices: <b>Use normal hygiene practices. Wash hands thoroughly after using this product and before eating, drinking, or smoking.</b>
7.2	Storage & Handling: <b>Do not freeze. Follow all label instructions. Keep container closed when not in use.</b>
7.3	Special Precautions: <b>Keep this and all chemical out of reach of children.</b>

## 8. EXPOSURE CONTROL & PERSONAL PROTECTION

8.1	Ventilation & Engineering Controls: <b>None required under normal conditions of use.</b>
8.2	Respiratory Protection: <b>None required.</b>
8.3	Eye Protection: <b>Protective eyewear should be used when handling any chemical product.</b>
8.4	Hand Protection: <b>Waterproof gloves recommended but not required.</b>
8.5	Body Protection: <b>None required under normal conditions of use.</b>



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## 9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Density:	<b>1.010 @ 20 °C (68 °F)</b>
9.2	Boiling Point:	<b>≥ 93.4 °C</b>
9.3	Melting Point:	<b>Not determined</b>
9.4	Evaporation Rate:	<b>≤ 1.0 (water = 1.0)</b>
9.5	Vapor Pressure @ 20°C:	<b>17.5 mm Hg</b>
9.6	Molecular Weight:	<b>Not available</b>
9.7	Appearance & Color:	<b>Yellowish liquid</b>
9.8	Odor Threshold:	<b>Mild odor</b>
9.9	Solubility:	<b>Fully soluble</b>
9.10	pH:	<b>9.0 - 9.9</b>
9.11	Viscosity:	<b>NA</b>
9.12	Coefficient Oil/Water Distribution:	<b>NA</b>
9.13	Additional Information:	<b>Vapor Density 0.62 (Air = 1.0)</b>

## 10. STABILITY & REACTIVITY

10.1	Stability:	<b>Stable under normal conditions.</b>
10.2	Decomposition Products:	<b>NA</b>
10.3	Polymerization:	<b>Will not occur.</b>
10.4	Conditions to Avoid:	<b>NA</b>
10.5	Incompatible Substances:	<b>None reported by the manufacturer.</b>

## 11. TOXICOLOGICAL INFORMATION

11.1	Toxicity Data:	<b>No general or specific toxicity data has been reported by the manufacturer other than the information presented in Section 3. However, good personal hygiene practices, such as washing any skin contact areas and removing contaminated clothing, are recommended.</b>
11.2	Acute Toxicity:	<b>See section 2.5</b>
11.3	Chronic Toxicity:	<b>See section 2.6</b>
11.4	Suspected Carcinogen:	<b>No</b>
11.5	Reproductive Toxicity:	<b>This product is not expected to cause reproductive harm in humans.</b>
	Mutagenicity:	<b>This product is not expected to cause mutagenic effects in humans.</b>
	Embryotoxicity:	<b>This product is not expected to cause embryotoxic effects in humans.</b>
	Teratogenicity:	<b>This product is not expected to cause teratogenic effects in humans.</b>
	Reproductive Toxicity:	<b>This product is not expected to cause reproductive harm in humans.</b>
11.6	Irritancy of Product:	<b>None reported by the manufacturer.</b>
11.7	Biological Exposure Indices:	<b>None reported by the manufacturer.</b>
11.8	Medical Recommendations:	<b>Treat symptomatically.</b>



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## 12. ECOLOGICAL INFORMATION

12.1	Environmental Stability: <b>The manufacturer has not reported detailed studies on the environmental fate of the material. However, prudent practice would dictate the material not be allowed to enter the environment.</b>
12.2	Effect on Plants & Animals: <b>The manufacturer has not reported any plant and animal effects.</b>
12.3	Effect on Aquatic Life: <b>The manufacturer has not reported any aquatic life effects.</b>

## 13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal: <b>Dispose of in accordance with regional, federal, state &amp; provincial regulated waste laws.</b>
13.2	Special Considerations: <b>If the material is unsuitable for recycling or reclamation, enclosed-controlled incineration is recommended unless otherwise prohibited by local ordinance or other statute.</b>

## 14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG, SCT, ADGR and the CTDGR.

14.1	49 CFR (GND): <b>NOT REGULATED</b>	
14.2	IATA (AIR): <b>NOT REGULATED</b>	
14.3	IMDG (OCN): <b>NOT REGULATED</b>	
14.4	TDGR (Canada GND): <b>NOT REGULATED</b>	
14.5	ADR/RID (EU): <b>NOT REGULATED</b>	
14.6	SCT (MEX): <b>NOT REGULATED</b>	
14.7	ADGR (AUS): <b>NOT REGULATED</b>	

## 15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements: <b>This product does not contain any substances subject to SARA Title III reporting requirements.</b>
15.2	SARA Threshold Planning Quantity: <b>This product does not contain any substances with a SARA threshold planning quantity.</b>
15.3	TSCA Inventory Status: <b>All components of this product are listed in the TSCA Inventory or are exempt.</b>
15.4	CERCLA Reportable Quantity (RQ): <b>This product does not contain any substances with a CERCLA reportable quantity.</b>
15.5	Other Federal Requirements: <b>This product does not contain any substances with other federal reporting requirements.</b>
15.6	Other Canadian Regulations <b>This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List.</b>
15.7	State Regulatory Information: <b>Ingredients in this mixture are not found on any of the following state criteria lists: California OSHA Hazardous Substances List, California Proposition 65, Delaware Air Quality Management List, Florida Toxic Substances List, Massachusetts Hazardous Substances List, Michigan Critical substances List, Minnesota Hazardous Substances List, New Jersey Right to Know Hazardous Substances List, Pennsylvania Hazardous Substances List, Wisconsin Hazardous Substances List.</b>
15.8	67/548/EEC (European Union) Requirements: <b>The primary components of this product are not listed in Annex I of EU Directive 67/548/EEC. S: 2-46 Keep out of the reach of children. If swallowed, seek medical advice immediately and show this container or label.</b>



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## 16. OTHER INFORMATION

16.1 Other Information:

**303 Fabric Cleaner. Newest cleaning technology safely removes difficult stains. Dirt, oil, grease, coffee, tea, ink, wine and pet stains. 303 Fabric Cleaner can be used full strength or diluted with water on water safe textiles, including clothing, acrylic fabrics and window coverings, not for silks or dry clean items.**

16.2 Terms & Definitions:

**Please see last page of this MSDS.**

16.3 Disclaimer:

This Material Safety Data Sheet complies with U.S. OSHA's Hazard Communication Standard, 29 CFR §1910.1200 and Health Canada's Workplace Hazardous Materials Information System (WHMIS). To the best of ShipMate's or 303 Products' knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.

16.4 Prepared for:

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## DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a MSDS. Some of these that are commonly used include the following:

### GENERAL INFORMATION:

<b>CAS No.</b>	Chemical Abstract Service Number
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### EXPOSURE LIMITS IN AIR:

<b>ACGIH</b>	American Conference on Governmental Industrial Hygienists
<b>TLV</b>	Threshold Limit Value
<b>OSHA</b>	U.S. Occupational Safety and Health Administration
<b>PEL</b>	Permissible Exposure Limit
<b>IDLH</b>	Immediately Dangerous to Life and Health

### FIRST AID MEASURES:

<b>CPR</b>	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.
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### HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

#### HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard



#### PERSONAL PROTECTION RATINGS:

<b>A</b>		<b>G</b>	
<b>B</b>		<b>H</b>	
<b>C</b>		<b>I</b>	
<b>D</b>		<b>J</b>	
<b>E</b>		<b>K</b>	
<b>F</b>		<b>X</b>	Consult your supervisor or S.O.P. for special handling directions.

Note: the dotted circle indicates that this respiratory protective equipment is required for high concentrations or for large volume spills or releases of product.

#### FLAMMABILITY LIMITS IN AIR:

<b>Autoignition Temperature</b>	Minimum temperature required to initiate combustion in air with no other source of ignition
<b>LEL</b>	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
<b>UEL</b>	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

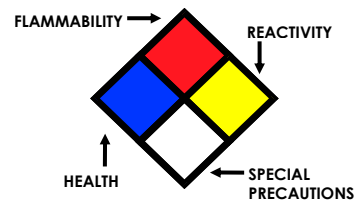
### OTHER STANDARD ABBREVIATIONS:

<b>NA</b>	Not Available
<b>NR</b>	No Results
<b>NE</b>	Not Established
<b>ND</b>	Not Determined
<b>ML</b>	Maximum Limit
<b>SCBA</b>	Self-Contained Breathing Apparatus

### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

#### HAZARD RATINGS:

<b>0</b>	Minimal Hazard
<b>1</b>	Slight Hazard
<b>2</b>	Moderate Hazard
<b>3</b>	Severe Hazard
<b>4</b>	Extreme Hazard
<b>ACD</b>	Acidic
<b>ALK</b>	Alkaline
<b>COR</b>	Corrosive
<b>-W</b>	Use No Water
<b>OX</b>	Oxidizer



### TOXICOLOGICAL INFORMATION:

<b>LD<sub>50</sub></b>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals
<b>LC<sub>50</sub></b>	Lethal concentration (gases) which kills 50% of the exposed animal
<b>ppm</b>	Concentration expressed in parts of material per million parts
<b>TD<sub>10</sub></b>	Lowest dose to cause a symptom
<b>TCLo</b>	Lowest concentration to cause a symptom
<b>TD<sub>10</sub>, LD<sub>10</sub>, &amp; LD<sub>50</sub> or TC, TC<sub>0</sub>, LC<sub>10</sub>, &amp; LC<sub>50</sub></b>	Lowest dose (or concentration) to cause lethal or toxic effects
<b>IARC</b>	International Agency for Research on Cancer
<b>NTP</b>	National Toxicology Program
<b>RTECS</b>	Registry of Toxic Effects of Chemical Substances
<b>BCF</b>	Bioconcentration Factor
<b>TL<sub>m</sub></b>	Median threshold limit
<b>log K<sub>ow</sub> or log K<sub>oc</sub></b>	Coefficient of Oil/Water Distribution

### REGULATORY INFORMATION:

<b>WHMIS</b>	Canadian Workplace Hazardous Material Information System
<b>DOT</b>	U.S. Department of Transportation
<b>TC</b>	Transport Canada
<b>EPA</b>	U.S. Environmental Protection Agency
<b>DSL</b>	Canadian Domestic Substance List
<b>NDSL</b>	Canadian Non-Domestic Substance List
<b>NOHSC</b>	Australia National Occupational Health & Safety Code
<b>PSL</b>	Canadian Priority Substances List
<b>TSCA</b>	U.S. Toxic Substance Control Act
<b>EU</b>	European Union (European Union Directive 67/548/EEC)

### EC INFORMATION:

<b>C</b>	<b>E</b>	<b>F</b>	<b>N</b>	<b>O</b>	<b>T+</b>	<b>Xi</b>	<b>Xn</b>
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

### WHMIS INFORMATION:

<b>A</b>	<b>B</b>	<b>C</b>	<b>D1</b>	<b>D2</b>	<b>D3</b>	<b>E</b>	<b>F</b>
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive