

MATERIAL SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation: 1000+™ Stain Remover
Date of Safety Data Sheet: 10 October 2013
Use of Preparation: Cleaning Agent
Company Identification: Niagara Mist Marketing Ltd.
(Division of Winning Brands)
92 Caplan Avenue, Suite 134
Barrie, Ontario, CANADA L4N 0Z7
Tel: 1 (705) 737-4062 / Fax: 1 (705) 737-9793
email: customerservice@winningbrands.ca
website: www.1000Plus.ca

**For Emergency call: CANUTEC Canadian Transport Emergency Centre
(613)-996-6666 call collect or *666 on cellular phone.**

2. HAZARD IDENTIFICATION

For humans: May cause eye, skin and upper respiratory irritation.

3. CHEMICAL COMPOSITION

Chemical Name	% WT	CAS-No.	LD ₅₀ Species & Route g/Kg	Exposure Limits OSHA- ACGIH TWA
Pentyl Acetate	1-5	628-63-7	6.5 (Oral-Rat)	TLV-TWA: 50ppm
2-Methylpentane-2,4-diol	1-5	107-41-5	4.3-5.3 (Oral-Rat)	ACGIH 25 ppm
C08-14 Alkyl-Polyglucoside	10-25	68515-73-1 110615-47-9	> 5.0 (Oral-Rat)	
2-Methylbutylacetate	1-5	624-41-9	6.5 (Oral-Rat)	ACGIH 50 ppm
Sodium Xylene Sulphonate	<1	1300-72-7	>2.0 (Oral-Rat)	

This product is formally certified by the U.S. Department of Agriculture as BioBased.



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4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal.
Notes to Physician:	Treatment based on judgment of attending physician.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).
Unsuitable extinguishing media:	None known.
Special exposure hazards	Possibly oxides of carbon and unidentified organic compounds.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not take internally. Prevent eye and skin contact.
Environmental precautions:	Dispose of according to local regulations.
Methods of cleaning up:	Use absorbent material to soak up spills. Sweep up and dispose of in according to local regulations.

7. HANDLING AND STORAGE

Handling:	Keep away from sources of ignition
Storage:	Keep container closed to avoid contamination, maintain temperature between 5-50°C (41 - 122°F)
Incompatible storage	None known
Other:	None known

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Please use common sense when handling this product.

Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety glasses or safety goggles.
Skin protection:	Use body-covering clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid, slightly viscous.	Specific Gravity:	1.01 g/cc
Colour:	Colorless	Solubility in water:	Completely soluble
Odour:	Banana	%VOC	5.45 ARB test method 310
pH:	8.0 to 9.0	Flash point:	46 °C PM Closed Cup ASTM D93
			Product was tested according to ASTM D 4206 and did not sustain combustion.
		Fire point	>100°C according to ISO 2592 method.
Boiling point/boiling range:	Not established	%Biobased	61% ASTM-D6866-11

10. STABILITY AND REACTIVITY

Conditions to avoid:	Heat and sources of ignition.
Materials to avoid:	Strong oxidizing agents, strong acids and bases.
Hazardous decomposition of materials	See Section 5, Special Exposure Hazards:

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Pentyl acetate	LD 50 Oral	Rat	6.5 g/kg
2-Methypentane-2,4-diol	LD 50 Oral	Rat	3.7 g/kg
C08-14 Polyglucoside/Decyl Glucoside	LD 50 Oral	Rat	>5.0 g/kg
Sodium Xylene Sulphonate	LD 50 Oral	Rat	2.0 g/kg

Chronic effects:	No significant effects or critical hazards
Sensitization:	No significant effects or critical hazards
Carcinogenicity:	No significant effects or critical hazards
Mutagenicity:	No significant effects or critical hazards
Reproductive toxicity	No significant effects or critical hazards
Narcotic effects:	No significant effects or critical hazards.

12. ECOLOGICAL INFORMATION

Water-Hazard class:	Not known.
Biodegradability:	Data not available.
Bio-accumulation	Not available.
Aquatic toxicity:	Not available for full formulation.

Ingredient Name	Result	Species	Exposure
2-Methypentane-2-4-diol	Acute LC 50 28000000 to 32000000 ug/L fresh water.	Daphnia Ceriadaphnia reticulata-Larvae < 24 hrs	48 hours
Decyl glucoside	Acute LC 50 3000 mg/L	Carp	24 hours

Other relevant ecological information: Small quantities considered to be harmless.

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13. DISPOSAL

Refer to local regulations.

14. TRANSPORTATION INFORMATION

DOT: Not Regulated. Product was tested according to ASTM D 4206 and did not sustain combustion.

TDG: Not Regulated. Product was tested according to ASTM D 4206 and did not sustain combustion.

15. REGULATION

WHMIS Class: D2B

MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS Regulations

MSDS meets the requirements of FED-STD-313D.

16. OTHER INFORMATION

Designated as Non-Flammable via OSHA [29CFR 1910.1200]

Designated as Non-Flammable via DOT [49CFR 173.120 (3),(4)]

Designated as Non-Flammable via TDG [Part 2 Regulations Section 2.18 -2a, 2b]

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Product UPC Numbers:

4 oz: 8 31908 00201 4

30.7 oz: 8 31908 00200 7

135 oz: 8 31908 00203 8

135oz Value Pack: 8 31908 00206 9

676 oz: 8 31908 00202 1

55 US Gal: 8 31908 00208 3

125 ml: 8 31908 00101 7

909 ml: 8 31908 00100 0

4L: 8 31908 00103 1

20L: 8 31908 00120 8

205L: 8 31908 00160 4