



SAFETY DATA SHEET - 1000+™ Stain Remover

Date Issued: 2016-06-23

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier:

Product Name 1000+™ Stain Remover

Other Identification Means:

Synonyms None

Use of Substance/Preparation and Restrictions:

Recommended Use: Cleaning Agent

Uses Advised Against: No Information available

SDS Supplier Details:

Company Name: Niagara Mist Marketing Ltd. (div Winning Brands)

Company Identification: 92 Caplan Avenue, Suite 134

Barrie, ON, L4N 9J2, Canada

Telephone: 1 (705)-737-4062

Company Emergency Telephone Number

Emergency Phone: 1 (705) 627-7555

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

2. HAZARDS IDENTIFICATION

Classification:

Product classification under the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) and WHMIS 2015

GHS Label Elements, including precautionary statement:

Emergency Overview: Danger

Eye Damage Category 1

Skin Irritant Category 2

Label Elements

Hazard Pictograms (GHS-US/CDN):



Signal Word (GHS-US/CDN): Danger

Hazard Statements (GHS-US/CDN):

H318 Causes serious eye damage

H316 Causes mild skin irritation.

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

Precautionary Statements (GHS-US/CDN) - Prevention:

P280 Wear protective gloves, protective clothing and eye protection.

Precautionary Statements (GHS-US/CDN) - Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P264 Wash thoroughly after handling.

Precautionary Statements (GHS-US) - Storage:

P233 Keep container tightly closed.

Precautionary Statements (GHS-US) - Disposal:

P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified (HNO):

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description:

Chemical Blend

Ingredient	CAS #	% by Wt.	Trade Secret
Pentyl Acetate	628-63-7	1-5	*
2-Methylpentane-2,4-diol	107-41-5	1-5	*
D-Glucopyranose, oligomers, decyl octyl glycosides D-Glucopyranose, oligomers, C10-16 alkyl glycosides	68515-73-1 110615-47-9	10-25	*
2-Methylbutylacetate	624-41-9	1-5	*
Sodium Xylene Sulphonate	1300-72-7	< 1	*

* The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures:

Eye Contact:

Remove contacts. Flush with water for at least 20 minutes, with eyelids held open. Consult an eye specialist.

Skin Contact:

Thoroughly wash exposed skin with plenty of water.

Inhalation:

Remove to fresh air. If symptoms persist, consult a physician.

Ingestion:

Immediately rinse out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personnel.

Notes to Physician:

Treat according to symptoms (decontamination, vital functions)

Most Important symptoms and effects, both acute and delayed: No information available

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Water spray, dry powder, foam.
Unsuitable Extinguishing Media	No information available
Specific Exposure Hazards	Thermal decomposition releases irritating gases.
Hazardous Combustion Products	Unburned hydrocarbons, carbon oxides.

Explosion Data:

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Special safety equipment: Self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

General Measures: Do not get in eyes, on skin or on clothing. Do not breathe mist.

Environmental Precautions: Do not discharge into drains/surface waters/groundwater.

Method for Containment: Contain any spills with dikes to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Pick up with absorbent material, dispose material in accordance with local regulations.

Procedures for Non-Emergency Personnel:

Protective Equipment: Use personal protective clothing. Refer to section 8 for personal protective measures.

Emergency Procedures: Evacuate unnecessary personnel.

Procedures for Emergency Personnel:

Protective Equipment: Use personal protective clothing. Refer to section 5 and section 8.

Emergency Procedures: Ventilate area.

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

7. HANDLING AND STORAGE

Precautions for Safe Handling:

Handling: Ensure good ventilation/exhaustion at the workplace.

Information about fire and explosion protection: No special precautions necessary.

Conditions for safe storage, including any incompatibilities:

Requirements to be met by storerooms and receptacles: Keep container tightly closed and in a cool place. Avoid storage near extreme heat, ignition sources, and open flame.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: Product is not damaged by low temperatures or by freezing.

Specific end use(s): No further relevant information available.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters:

Exposure Guidelines: Local exhaust ventilation preferred.

Appropriate Engineering Controls:

Engineering Measures: Showers. Eyewash Stations. Ventilation Systems

Individual Protection Measures:

Eye protection: Safety glasses or safety goggles.

Skin protection: Use body-covering impervious clothing.

Hand protection: Chemical resistant gloves.

Respiratory protection: Use local exhaust or dilution ventilation.

Working hygiene: Take usual precautions when handling, wear protective clothing to minimize contact. Workers should wash hands before eating, drinking or smoking.

Pentyl Acetate: OSHA Z-1 TWA 525 mg/m³ 100 ppm, ACGIH TWA 50 ppm

2-Methyl butyl acetate: ACGIH TWA 50 ppm

2-Methylpentane-2,4-diol: OSHA 25 ppm, 125 mg/m³

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid		
Appearance	Clear	Odour	Banana
Colour	Colorless	Odour Threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
pH	7.0 -8.0	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	No data available	None known
Flash Point	46°C	PM Closed CupASTM D93
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air:	No data available	None known
Upper Limit	No data available	None known
Lower Limit	No data available	None known
Vapour Pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	1.01 g/cc	None known
Water Solubility	Completely soluble	None known
Solubility Other Solvents	Completely soluble	None known
Partition Coefficient:	No data available	None known
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No data available	None known

Other Properties:

% Biobased USDA Certified	61	ASTM D6866-11
VOC Content %	5.45	ARB test method 310
Particle Size	No data available	None known
Particle Size Distribution	No data available	None known

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	The product is stable if stored and handled as prescribed.
Possibility of Hazardous Reactions:	None if used for intended purpose.
Hazardous Polymerization:	No data available.
Conditions to avoid:	Heat and sources of ignition.
Incompatible materials:	Acids, alkalines, halogens, oxidizing agents, reactive chemicals
Hazardous Decomposition Products:	No hazardous decomposition products if stored and handled as prescribed/indicated.
Thermal Decomposition / Conditions to be avoided:	Stable under normal conditions.

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact.

Product Information

Inhalation

Specific test data for substance/mixture not available.

Eye Contact

Mild irritation

Skin Contact

Specific test data for substance/mixture not available.

Ingestion

Specific test data for substance/mixture not available.

Component Information:

Chemical Name

Oral LD50

Dermal LD50

Inhalation LC50

Pentyl Acetate

Rat, 6500 mg/Kg

Rat 8327 mg/Kg

No data available

2-Methylpentane-2,4 diol

Rat, 3700 mg/Kg

No data available

D-Glucopyranose, oligomers, decyl octyl glycosides

Rat, >5000 mg/Kg

Rabbit >5000 mg/Kg

ATE >20mg/L vapor

D-Glucopyranose, oligomers, C10-16 alkyl glycosides

ATE > 5 mg/L mist

Sodium Xylene Sulphonate

Rat, 2000 mg/Kg

Rabbit 2000 mg/Kg

No data available

Information on Toxicological Effects:

Symptoms:

None known

Delayed/Immediate/Chronic Effects from short and long term exposure:

No data available.

Sensitization:

None known

Mutagenic Effects:

None known

Carcinogenicity:

No ingredients listed as a carcinogen

Reproductive Toxicity:

None known

STOT- Single Exposure No significant effects or critical hazards:

None known

STOT Repeated exposure:

None known

Chronic Toxicity:

None known

Target Organ Effects:

None known

Numerical Measures of Toxicity (based on GHS Chapter 3.1):

No data available

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

12. ECOLOGICAL INFORMATION

Ecotoxicity:	This product has not been tested. The statement has been derived from the properties of the individual components. Small quantities are considered to be harmless.
Toxicity fish	LC50> 10 -100 mg/l
Aquatic vertebrates	EC50 (48 h) 10 -100mg/l Daphnia magna
Aquatic plants	EC50 (72 h) 10 -100 mg/l (growth rate) Desmodesmus subspicatus
Chronic toxicity to fish	No observed effect concentration (28 d) > 1mg/l , Branchydanio rerio (Flow through)
Chronic toxicity -aquatic vertebrates	No observed effect concentration (21 d) > 1mg/l , Daphnia magna
Toxicity to micro-organisms	ECO: > 100mg/l
Persistence and Degradability:	Readily biodegradable (according to OECD 301D criteria)
Bio accumulative Potential:	Significant accumulation in organisms is not to be expected.
Mobility in Soil:	No information available.
Other Adverse Effects:	None known

13. DISPOSAL CONSIDERATIONS

Waste treatment Methods	
Disposal Methods	Product status according to Federal regulations (40 CFR 261). Consult the appropriate state, regional, or local regulations for additional requirements.
Contaminated Packaging:	Dispose of in a licensed facility
California Hazardous Waste Codes	Not available
Ecology – Waste Materials:	Avoid release to the environment.

14. TRANSPORT INFORMATION

<u>DOT:</u>	Not Regulated, refer to the exemptions listed in Section 16
<u>TDG</u>	Not Regulated, Product tested according to ASTM D4206 and did not sustain combustion
<u>IATA/ICAO:</u>	Not Classified as a dangerous good under transport regulations.
<u>IMDG/IMO:</u>	Not Classified as a dangerous good under transport regulations.
<u>RID</u>	Not Classified as a dangerous good under transport regulations.
<u>ADR</u>	Not Classified as a dangerous good under transport regulations.
<u>AND</u>	Not Classified as a dangerous good under transport regulations.

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

15. REGULATORY INFORMATION

International Inventories:

TSCA – United States Toxic Substances Control Act Section 8(b) Inventory: All components of this product are in compliance with the inventory listing requirements of the TSCA.

DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List: All components of this product are listed on the DSL/NDSL.

US Federal Regulations:

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). **This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372**

SARA 311/312 Hazard Categories:

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

Product status regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA–Reportable Qtys.	CWA–Toxic Pollutants	CWA–Priority Pollutants	CWA–Hazardous Substances
None				

CERCLA

Product status under the Comprehensive Environmental Response Compensation and Liability Act (CERLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
None			

US State Regulations:

California Proposition 65: This product does not contain any Proposition 65 Chemicals.

Product Name: 1000+™ Stain Remover

Issue Date: 2016-06-23

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]

Designated as Non-Flammable via IMDG [Part 2.3.1.3]

NFPA – HMIS Rating

	Health Hazard	Flammability	Instability/Reactivity	Physical Hazard	Physical and Chemical Hazards – Personal Protections
NFPA	1	0	0	0	
HMIS	1	0	0	0	B

HMIS III Rating

Health: 1 Slight hazard – Irritation or minor reversible injury possible.

Flammability: 0 Minimal hazard, does not sustain combustion, as per ASTM D4206.

Physical: 0 Minimal hazard.

Personal Protection: B Safety Glasses, and Gloves

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



Prepared By: Niagara Mist Marketing Ltd.

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Disclaimer:

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.