

# Material Safety Data Sheet

## Spectrum Cleaner Concentrate Data

### Section 1 Product Identification

#### Manufacturer

DTW Innovative Solutions, Inc. - 5815 N Cypress Ave - Kansas City, MO 64119

#### Emergency Phone Number

(816) 453-7575 8:00 AM - 9:00 P.M. CST

#### Product Name

SPECTRUM The Environmental Safe "Tougher Cleaner System"

#### Chemical Name

Blended Mixture Proprietary Formulation

### Section 2 Ingredients - Concentrate Components

#### Nonylphenol Ethoxylate

CAS #	ACGIH TLV	OSHA PEL	%
09016-45-9 NE	NE	NE	< 1.0

#### 2, Butoxy Ethanol

CAS #	ACGIH TLV	OSHA PEL	%
11-76-2	25 PPM	25 PPM	< 4.0

#### Potassium Hydroxide

CAS #	ACGIH TLV	OSHA PEL	%
001310583	2 mg/m3	2 mg/m3	< 3.0

#### Sodium Hydroxide

CAS #	ACGIH TLV	OSHA PEL	%
11310-73-2	2 mg/m3	2 mg/m3	< 2.0

#### Sodium Metasilicate

CAS #	ACGIH TLV	OSHA PEL	%
6834-92-0	2 mg/m3	2 mg/m3	< 2.0

#### D-Limonene

CAS #	ACGIH TLV	OSHA PEL	%
5989-27-5	NE	NE	< 4.0

#### Alcohol Ethoxylate Detergent

CAS #	ACGIH TLV	OSHA PEL	%
34398-01-1	NE	NE	< 8.0

#### Anionic Surfactant

#### Alcohol Ethoxysulfate

CAS #	ACGIH TLV	OSHA PEL	%
68585-34-2	NE	NE	< 3.0

#### Ethanol

CAS #	ACGIH TLV	OSHA PEL	%
64-17-5	1,000 PPM	1,000 PPM	< 1.0

NE - Not Established

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## Section 3 Physical Data

Boiling Point	212 Deg. F
Vapor Density	> 1 (Air = 1)
Vapor Pressure	Not Determined or Unknown
Specific Gravity	1.039 @ 77 Deg. F
Solubility in Water	Complete
Appearance & Odor	Neutral Liquid - Mild Citrus

**H M I S** H-1; F-1; R-0; P-X

Sensitive skin-cuts / scrapes: Wear rubber gloves when using very heavy mixture or heavy acetic acid mixtures - may cause slight burning.

## Section 4 Fire & Explosion Data

Flash Point (Method)	> 160° F ( PMCC)*
Flammable Limits	(% Volume In Air = NA)

Small Containers (5 Gallon or less) are non flammable when stored in open - well ventilated area.

## Extinguishing Media

Water spray, foam, carbon dioxide or dry chemical may be used where this product is stored. \* Flash Point and Flammability are attributable to the Butyl Alcohol, Ethanol, and D-Limonene content in this product.

Special Fire Fighting Procedures

Cool fire exposed containers with water.

## Section 5 Reactivity Data

Stability.....	Stable
Hazardous Decomposition Products.....	N/A

## Conditions To Avoid:

1. Spraying in non ventilated area. Large concentration of vapor build up - contains mild surfactants.
2. Using Heavier Dilutions without gloves with cuts, scrapes, or sensitive skin - may cause slight burning.
3. Mixing Bleach, Vinegar, or Hydrogen Peroxide formulations together - toxic gases can be released.

## Section 6 Health Hazards

### Possible Routes of Entry

Inhalation?	Skin?	Ingestion?
Yes	Yes	Possible but not probable
Carcinogenicity		
NTP?	IARC?	OSHA?
No	No	No

**Eyes:** Liquid concentrate may cause mild damage if not thoroughly flushed with water.

**Skin Absorption:** Prolonged or repeated exposure may cause slight skin dermatitis and / or dryness. May cause slight burning on cuts and scrapes.

**Ingestion:** Small amounts swallowed incidental to normal handling are not likely to cause injury, however, swallowing larger amounts may cause throat and stomach irritation.

**Inhalation:** The major hazardous ingredients are not volatile, therefore, inhalation of the vapors should be harmless. Heavy mist concentrations in enclosed non ventilated areas may cause chest discomfort or slight coughing.

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## Section 7 FIRST AID

**Eyes:** Irrigate with flowing water for 15 minutes, including under eyelids. If irritation persists, get medical attention immediately.

**Skin:** Wash thoroughly with soap and water - use quality lotion for dry skin.

**Ingestion:** Never give anything by mouth to an unconscious person. Immediately dilute by drinking large quantities of water. If available, give several glasses of milk. Do not induce vomiting. Get medical attention.

## Section 8 Spill - Leak Procedures

Eliminate all ignition sources. Handling equipment should be grounded to prevent sparking. Recover as much cleaner as practical. Material should be mopped up and flushed into the sewer with copious amounts of water.

Caution: Material is slippery on hard or wet surfaces.

This Material Safety Data Sheet was prepared on December 1, 2006

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