

**MATERIAL SAFETY DATA SHEET**  
(Similar to OSHA FORM 174)

N.A. = Not Applicable  
Not Est. = Not Established  
Prop. = Proprietary

**Section 1 - Manufacturer / Distributor Information**

Product Name TOTAL CARE Station Care 1851 Turnout Cleaner  
Supplier's Name Lion Total Care  
Supplier's Address 4200 Poe Avenue, Suite 400, Dayton, OH 45414  
HMIS Hazard Code Health 1 Flammability 0 Phys Hazard 0  
Chemical Family Blended Detergent  
DOT Shipping Name N/A  
Emergency Phone No: 800.548.6614  
Chemical Name N.A. Proprietary Blend  
Formula N.A. Blended Product  
Hazard Class N/A  
PKG Group  
DOT ID # N/A

**Section 2 - Hazardous Ingredients**

CHEMICAL NAME	CAS NUMBER	% Concentration Range	ACGIH	Exposure Limit TLV/PEL
Polyethylene Mono (Nonylphenyl) Ether Glycols	9016-45-9	PROP.		Not Est.
Dodecyl Benzene Sulfonic Acid Sodium Salt	25155-30-0	PROP.		Not Est.

**Section 3 - Physical Data**

Boiling Point (F) 212  
Vapor Pressure = To Water  
Vapor Density = To Water  
Solubility in Water Complete  
Appearance Clear Viscous Blue Liquid  
Odor Pleasant  
Specific Gravity 1.04 ± 0.01  
Evaporation Rate = To Water  
pH  
pH(1)  
pH(2)  
VOC Content

**Section 4 - Fire and Explosion Data**

Flammable Limits Not Est. LEL UEL  
Fire Fighting Equipment  
Extinguishing Media  
Unusual Fire Explosion Hazards Heated product may liberate toxic fumes. Wear self contained breathing apparatus.  
Hazardous Combustion Products

**Section 5 - Health Hazard Data**

Routes of Entry Inhalation  Skin  Ingestion   
Effects of May cause skin and eye irritation. May be harmful if swallowed.  
Over exposure  
Emergency and First Aid Procedures For Eyes: Flush eyes with water for at least fifteen minutes. Seek medical attention. For Skin: Flush skin thoroughly with water. If irritation persists seek medical attention. If ingested: Do not induce vomiting. Give milk, egg white, gelatin or if none of these are available give large quantities of water. Seek medical attention.  
Conditions Aggravated by Exposure None Threshold Limit Value Not Est.  
Listed None  
Statement regarding Green Seal, Inc. Certification

**Section 6 - Reactivity Data**

Stability Stable  
Conditions to Avoid None  
Incompatibility Avoid contact with strong acids and oxidizers  
Flash Point (F) None to boiling (TOC)  
Hazardous Polymerization Will not occur.  
Hazardous Decomposition Products Carbon Oxides

**Section 7 - Spill and Leak Procedures**

Spill Steps Recontainerize by mopping, wet vacuum, or using a suitable absorbent. Rinse remaining material to drains. Be cautious of slippery floors.  
Waste Disposal Method Follow local, state, and federal regulations.

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**Section 8 - Special Protection Information**

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Respiratory Protection Not required  
Ventilation Not required  
Protective Gloves Not required for casual contact.  
Eye Protection Not required unless risk of splashes or mist occurs.  
Other Protective Equipment None  
Work /Hygenic Practices

**Section 9 - Special Precautions**

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Precautions Handling and Storage Store in sealed container in cool dry location, in a well ventilated area.  
Other Precautions Keep out of reach of children. For Commercial and Industrial Use Only.

CA Proposition  
S5 Statement

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The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions of handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the product's improper use. No warranty, expressed or inferred, regarding the product described in this MSDS shall be created or inferred by any statement in this MSDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may be covered by this MSDS. The user is responsible for full compliance

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Date Prepared 1/17/15 Prepared By J.B.

# TECHNICAL DATA

## Specifications

Color .....	Blue	Density lbs/gal .....	8.6 + .04.
Odor .....	Pleasant	Viscosity .....	80 cps
Activity .....	High	Upper Cloud .....	Above 140° F
Solubility .....	Complete in water	Low Temp. Stability .....	Below 32° F
pH .....	7.3 + .3	Foam Level .....	Controlled
Flash Point .....	None	Degreasing .....	Excellent
Corrosive .....	No	Cleaning .....	Excellent
Toxic .....	No	Shelf Life .....	1 year minimum in original unopened container
Biodegradable .....	Yes		
Specific Gravity .....	1.04 + .005		

## Uses

Provides outstanding cleaning results with complete safety on all types, colors and compositions of washable fabrics. Excellent for use in large capacity commercial washers, top loading automatics and wringers, front loading automatics, washer-dryer combinations and hand laundry of fine washables.

## Directions

Use 1/4 cup in top loaders, 1/8 cup in front loaders or 1/3 cup in large capacity machines and wringers or for heavily soiled clothes.

Select the proper water temperature for fabric color and type. Cold for non-colorfast, warm for colorfast and permanent press, and hot for whites, colorfast, and all heavily soiled clothes including permanent press.

Treat greasy or heavily soiled areas with a portion of the undiluted detergent, then add balance to the machine and wash. If desired, add bleach about 3 to 5 minutes after the wash cycle begins.

## Authorization & Safety

CAUTION: MAY BE HARMFUL IF SWALLOWED  
Contains: Synthetic Detergents.

If ingested: Do not induce vomiting. Give one or two glasses of water. Get medical aid.

Avoid eye contact.  
Do not ingest.

OSHA Material Safety data sheet available upon request.

For Eyes: Flush thoroughly with water for 15 minutes. If irritation persists get medical aid.

For sale to, use and storage by Service Personnel only.  
Authorized by the USDA for use in federally inspected meat and poultry plants.

*"All technical data, recommendations and services are accurate to the best of our knowledge. Seller assumes no responsibility for the results obtained or damages incurred from their use by the Buyer in whole or in part. No warranty, including those merchantability or fitness for a particular purpose, is expressed or implied since the method of application and its use is beyond our control. There are no warranties which extend beyond the description on the face hereof."*