

SAFETY DATA SHEET



Revision Date 20-Mar-2015
Version 1

1. Identification of the substance/mixture and of the company/undertaking

Product identifier

Product name Express Lane Traffic Lane Cleaner
Product code W.20175

Recommended use of the chemical and restrictions on use

Recommended Use Professional Carpet Cleaning.

Supplier's details

Manufacturer Legend Brands
Chemspec
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030
E-mail Address msds@chemspecworld.com

Emergency telephone number

Emergency telephone number Chemtrec: 1-800-424-9300 for US
+1 703-527-3887 outside US

2. Hazards Identification

Classification

Flammable liquids	Category 4
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GHS Label elements, including precautionary statements

Emergency Overview
Signal Word

Warning

Hazard Statements

Physical hazards Combustible liquid

Emergency Overview

May cause central nervous system depression May cause adverse kidney effects May be harmful if swallowed, inhaled, or absorbed through skin May produce an allergic reaction May cause skin irritation and/or dermatitis Contains a known or suspected carcinogen Harmful in contact with skin COMBUSTIBLE LIQUID AND VAPOR Vapors may be irritating to eyes, nose, throat, and lungs

Fire In case of fire: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage Store in a well-ventilated place. Keep cool

Precautionary Statements - Disposal Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Other information

3. Composition/Information on Ingredients

Chemical Name	CAS-No	Weight %
ETHANOL, 2-BUTOXY-	111-76-2	20 - 30
TRISODIUM NTA	5064-31-3	5 - 10
Ethoxylated Lauryl Alcohol	9002-92-0	1 - 5

4. First Aid Measures

4.1 Description of first-aid measures

First aid measures for different exposure routes

General advice	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Consult a physician if necessary. Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If skin irritation persists, call a physician. Wash off immediately with soap and plenty of water. Immediate medical attention is not required.
Inhalation	Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Consult a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician. Rinse mouth. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Main Symptoms See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Recommendations for immediate medical care and/or special treatment

Notes to physician May cause sensitization of susceptible persons. Treat symptomatically.

5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media	Water spray Foam Dry powder Use: Dry chemical Carbon dioxide (CO ₂) Alcohol-resistant foam
Unsuitable Extinguishing Media	None.
Special Hazard	Hazardous decomposition products formed under fire conditions May cause sensitization by

inhalation and skin contact Thermal decomposition can lead to release of irritating gases and vapors

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

5.3 Advice for firefighters

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Dam up. Take precautionary measures against static discharges.

7. Handling and Storage

7.1 Precautions for safe handling

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Keep away from heat.

Incompatible Materials

None known based on information supplied.

8. Exposure Controls/Personal Protection

8.1 Occupational Exposure Limits (OEL)

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL
ETHANOL, 2-BUTOXY- 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m ³ S*

TWA: Time weighted average
 STEL: Short term exposure limit

Chemical Name	British Columbia	Alberta	Quebec	Ontario TWAEV
ETHANOL, 2-BUTOXY- 111-76-2	TWA: 20 ppm	TWA: 20 ppm TWA: 97 mg/m ³	TWA: 20 ppm TWA: 97 mg/m ³	TWA: 20 ppm

8.2 Exposure controls**Engineering Measures**

Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin and body protection

Long sleeved clothing. Lightweight protective clothing. Apron. Impervious gloves. Chemical resistant apron. Antistatic boots.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene measures

When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.

9. Physical and Chemical Properties

Physical and chemical properties

Physical state	Liquid
Appearance	Opaque
Color	White
Odor	Solvent
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH VALUE	9.4	
Boiling point/boiling range		
Flash Point	68 °C / 154 °F	
Evaporation rate	Not Applicable	
Explosion Limits		
upper	no data available	
lower	no data available	
Vapor pressure	no data available	
Vapor density	no data available	
Relative density	1.048 g/cc	
Water solubility	completely soluble	
Partition coefficient: n-octanol/water	no data available	
Viscosity, kinematic	no data available	
Autoignition temperature	no data available	
Decomposition temperature	no data available	
Melting/freezing point	No data available	
Flammability (solid, gas)		

Other information

Volatile organic compounds (VOC) content 20.5%

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

No information available

10.5 Incompatible Materials

Strong oxidizing agents

10.6 Hazardous Decomposition Products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke

11. Toxicological Information

11.1 Product Information

Product Information	Product does not present an acute toxicity hazard based on known or supplied information at the Product level
Inhalation	There are no data available for this product.
Eye contact	There are no data available for this product.
Skin contact	There are no data available for this product.
Ingestion	There are no data available for this product.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
METHANOL 67-56-1	6200 mg/kg (Rat)	-	22500 ppm (Rat) 8 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization No information available.
Germ Cell Mutagenicity No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA: (Occupational Safety & Health Administration)

X - Present

Reproductive toxicity No information available.
Specific target organ systemic toxicity (single exposure) No information available.
Specific target organ systemic toxicity (repeated exposure) No information available.
Chronic toxicity May cause adverse liver effects. Repeated contact may cause allergic reactions in very susceptible persons. Avoid repeated exposure.
Target Organ Effects Blood, Central nervous system, Eyes, Hematopoietic System, Kidney, Liver, Respiratory system, Skin.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

12. Ecological Information

12.1 Toxicity

Ecotoxicity effects
No information available

Acute aquatic toxicity

Persistence and degradability

No information available.

12.3 Bioaccumulative potential

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Chemical Name	log Pow
ETHANOL, 2-BUTOXY- 111-76-2	0.81

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations

13.1 Waste Disposal Guidance

14. Transport Information

DOT

Not regulated

15. Regulatory Information

15.1 International Inventories

TSCA	Complies
DSL	Complies
PICCS	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
AICS	Complies
KECL	Complies
NZIoC	Complies

"-" - Not listed

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

AICS - Australian Inventory of Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
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ETHANOL, 2-BUTOXY-	111-76-2	20 - 30	1.0
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CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
METHANOL	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ

15.3 U.S. State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
METHANOL - 67-56-1	Developmental

U.S. State Right-to-Know Regulations

Component	New Jersey	Massachusetts	Pennsylvania
ETHANOL, 2-BUTOXY- 111-76-2 (20 - 30)	X	X	X
TRISODIUM NTA 5064-31-3 (5 - 10)		X	

16. Other Information

NFPA	Health Hazard 2	Flammability 2	Instability 0	Physical and chemical hazards -
HMIS	Health Hazard 2	Flammability 2	Physical Hazard 0	Personal protection X

Prepared By Chemspec Regulatory Affairs/Product Safety

Revision Date 20-Mar-2015

Revision Note

No information available

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet