

## 1. Identification

<b>Product Information</b>	W.50219 REV_C
<b>Product Name:</b>	DynaForce 77
<b>Recommended Use</b>	Professional Carpet Cleaning
<b>Uses advised against</b>	Professional Use Only
<b>Supplier</b>	Legend Brands Chemspec 15180 Josh Wilson Road Burlington, WA 98233 E-Mail: sds@legendbrands.com 800-932-3030  Legend Brands 4520 Eastgate Parkway Mississauga, ON L4W 3W6 800-932-3030
<b>Emergency telephone number</b>	INFOTRAC 1-800-535-5053 (North America) 1-352-323-3500 (International)

## 2. Hazards Identification

**GHS Classification in accordance with 29 CFR 1910.1200**

Acute Tox. 4 Inhalation, Skin Corr. 1B

**GHS Pictograms**



**Signal Word**

Danger

**Unknown Acute Toxicity**

< 1% of the mixture consists of ingredient(s) of unknown toxicity

### HAZARD STATEMENTS

Causes severe skin burns and eye damage.

Harmful if inhaled.

### Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/ vapors/spray.

Wash face, hands and any exposed skin thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statements - Response

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

Wash contaminated clothing before reuse.

#### **Precautionary Statements - Storage**

Store locked up.

#### **Precautionary Statements - Disposal**

Dispose of contents in accordance with local/regional/national/international regulations.

### **3. Composition/Information on Ingredients**

<u>Chemical Name</u>	<u>CAS-No.</u>	<u>Wt. %</u>
SODIUM TRIPOLYPHOSPHATE	7758-29-4	25-50
Sodium carbonate	497-19-8	10-25
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	2.5-10
Sodium Metasilicate	6834-92-0	2.5-10
Alcohols, C10-14, ethoxylated	66455-15-0	2.5-10
Benzene,1,1-oxybis, tetrapropylene derivatives	119345-04-9	1.0-2.5
Tetrasodium Pyrophosphate	7722-88-5	1.0-2.5
Ethoxylated C12-16 Alcohols	68551-12-2	0.1-1.0

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

### **4. First-aid Measures**

#### Description of first-aid measures

##### **General advice**

Call a physician if irritation develops or persists.

##### **Inhalation**

Move to fresh air.

##### **Skin contact**

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

##### **Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

##### **Ingestion**

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

##### **Symptoms**

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

##### **Notes to physician**

Treat symptomatically.

### **5. Fire-fighting Measures**

#### Extinguishing media

##### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### **Extinguishing media which shall not be used for safety reasons**

High volume water jet.

### **Special hazards arising from the substance or mixture**

No information available.

### **Advice 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**

### **Personal precautions, protective equipment and emergency procedures**

#### **Personal precautions**

No Information

#### **Advice for emergency responders**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist. Use personal protection recommended in Section 8.

### **Environmental precautions**

Prevent product from entering drains. See Section 12 for additional Ecological information.

### **Methods and materials for containment and cleaning up**

#### **Methods for Containment**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

#### **Methods for cleaning up**

Use personal protective equipment as required.

### **Reference to other sections**

See section 8 for more information

## **7. Handling and Storage**

### **Conditions for safe storage, including any incompatibilities**

#### **Advice on safe handling**

Handle in accordance with good industrial hygiene and safety practice.

#### **Hygiene measures**

See section 7 for more information.

#### **Storage Conditions**

Keep containers tightly closed in a cool, well-ventilated place.

## **8. Exposure Controls/Personal Protection**

### **Ingredients with Occupational Exposure Limits**

<b><u>Chemical Name</u></b>	<b><u>ACGIH TLV-TWA</u></b>	<b><u>ACGIH-TLV STEL</u></b>	<b><u>OSHA PEL-TWA</u></b>	<b><u>OSHA PEL-CEILING</u></b>
2-(2-BUTOXYETHOXY)ETHANOL	10 ppm	N.E.	N.E.	N.E.

TLV = Threshold Limit Value TWA = Time Weighted Average PEL = Permissible Exposure Limit STEL = Short-Term Exposure Limit N.E. = Not Established

#### **Engineering Measures**

Showers, eyewash stations, and ventilation systems.

#### **Personal protective equipment**

##### **Eye/Face Protection**

Safety glasses with side-shields.

**Skin and body protection**

Wear suitable protective clothing.

**Respiratory protection**

In case of insufficient ventilation wear suitable respiratory equipment.

**Hygiene measures**

See section 7 for more information.

## 9. Physical and chemical properties

**Information on basic physical and chemical properties**

Physical state	Solid
Appearance	Granules
Color	Blue
Odor	Pleasant
Odor Threshold	No Information
pH	10
Melting/freezing point, °C (°F)	No Information
Flash Point, °C (°F)	No Information
Boiling point/boiling range, °C (°F)	265 (509)
Evaporation rate	No Information Available
Explosive properties	No Information
Vapor pressure	No Information
Vapor density	No Information
Specific Gravity (g/cm <sup>3</sup> )	0.786
Water solubility	Soluble in water
Partition coefficient	No Information
Autoignition temperature, °C	No Information
Decomposition Temperature °C	No Information
Viscosity, kinematic	No Information

**Other information**

Volatile organic compounds (VOC) content	Negligible
Density, lb/gal	No Information

## 10. Stability and Reactivity

**Reactivity**

Stable under normal conditions.

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

None known based on information supplied

**Conditions to Avoid**

None known

**Incompatible Materials**

None known based on information supplied

**Hazardous Decomposition Products**

None known

## 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

##### Product Information

No Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral) 7,894.264205 mg/kg

ATEmix (dermal) 6,333.228635 mg/kg

##### Component Information

CAS-No.	Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
497-19-8	Sodium carbonate	4090 mg/kg Rat	2002	0.8 mg/l Guinea pig (Dust)
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	5660 mg/kg Rat	2700 mg/kg Rabbit	N.I.
6834-92-0	Sodium Metasilicate	1153 mg/kg Rat	N.I.	N.I.
119345-04-9	Benzene,1,1-oxybis, tetrapropylene derivatives	N.I.	2000	N.I.
7722-88-5	Tetrasodium Pyrophosphate	1000 - 3000 mg/kg Rat	N.I.	N.I.

N.I. = No Information

#### Skin corrosion/irritation.

SKIN IRRITANT

#### Eye damage/irritation.

No Information

#### Respiratory or skin sensitization.

No Information

#### Ingestion.

No Information

#### Germ cell mutagenicity.

When symptoms persist or in all cases of doubt seek medical advice

#### Carcinogenicity.

No Information

#### Reproductive toxicity.

No Information

#### Specific target organ systemic toxicity (single exposure).

No Information

#### Specific target organ systemic toxicity (repeated exposure).

No Information

#### Aspiration hazard.

No Information

#### Primary Route(s) of Entry

No Information

## 12. Ecological Information

### Toxicity

55.90500 % of mixture consists of components of unknown hazards to the aquatic environment.

### Ecotoxicity effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium carbonate 497-19-8	-	LC50 96 h Lepomis macrochirus 300 mg/L, LC50 96 h Pimephales promelas 310 - 1220 mg/L	EC50 48 h Daphnia magna 265 mg/L

2-(2-BUTOXYETHOXY) ETHANOL 112-34-5	EC50 96 h Desmodemus subspicatus >100 mg/L	LC50 96 h Lepomis macrochirus 1300 mg/L	EC50 48 h Daphnia magna >100 mg/L
Sodium Metasilicate 6834-92-0	-	LC50 96 h Brachydanio rerio 210 mg/L, LC50 96 h Brachydanio rerio 210 mg/L	-

**Persistence and degradability**

No data are available on the product itself.

**Bioaccumulative potential**

Discharge into the environment must be avoided.

**Mobility in soil**

No information

**Other adverse effects**

No information

### 13. Disposal Considerations

**Waste Disposal Guidance**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

No Information

### 14. Transport Information

**DOT**

**Hazard Class:** Not regulated

**IMDG**

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**Hazard Class:** Not regulated

**IATA**

Not regulated

### 15. Regulatory Information

**International Inventories:**

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

<b>TSCA</b>	United States Toxic Substances Control Act Section 8(b) Inventory
<b>DSL</b>	Canadian Domestic Substances List
<b>EINECS/ELINCS</b>	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
<b>ENCS</b>	Japan Existing and New Chemical Substances
<b>IECSC</b>	China Inventory of Existing Chemical Substances
<b>KECL</b>	Korean Existing and Evaluated Chemical Substances
<b>PICCS</b>	Philippines Inventory of Chemicals and Chemical Substances
<b>AICS</b>	Australian Inventory of Chemical Substances
<b>NZIoC</b>	New Zealand Inventory of Chemicals
<b>TCSI</b>	Taiwan Chemical Substance Inventory

## U.S. Federal Regulations:

### SARA SECTION 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Sara 313 components exist in this product.

### TOXIC SUBSTANCES CONTROL ACT 12(b):

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(b) components are present in this product.

### CALIFORNIA PROPOSITION 65 CARCINOGENS

No Proposition 65 Carcinogens exist in this product.

### CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

No Proposition 65 Reproductive Toxins exist in this product.

## 16. Other Information

<b>Revision Date:</b>	12/13/2018	<b>Supersedes Date:</b>	New SDS
<b>Reason for revision:</b>	No Information		
<b>Datasheet produced by:</b>	Regulatory Department		

### HMIS Ratings:

<b>Health:</b>	3	<b>Flammability:</b>	0	<b>Physical Hazard:</b>	0	<b>Personal Protection:</b>	X
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### NFPA Ratings:

<b>Health:</b>	3	<b>Flammability:</b>	0	<b>Instability:</b>	0	<b>Physical &amp; Chemical:</b>	-
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Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product where instructions and recommendations are not followed.