



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Product name** **PERFORM-ALL**  
**CAS #** Mixture  
**Product Use** Carpet cleaner  
**Manufacturer** CFR Division of Tacony Corporation  
3101 Wichita Court  
Fort Worth, TX 76140-1710 US  
Phone: 1-800-880-2913 ext.150

## 2. Hazards Identification

**Emergency overview** WARNING  
COMBUSTIBLE LIQUID AND VAPOUR. MAY CAUSE SKIN IRRITATION. MAY CAUSE EYE IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.

**Eyes** May cause irritation.

**Skin** May cause irritation.

**Inhalation** May cause respiratory irritation.

**Ingestion** May cause stomach distress, nausea or vomiting.

**Target organs** Eyes. Respiratory system. Skin.

**Chronic effects** Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and symptoms** Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**Potential environmental effects** See section 12.

## 3. Composition/Information on Ingredients

Components	CAS #	Percent
Sodium dodecylbenzenesulfonate	25155-30-0	15 - 40
Alkoxylated alcohols	24938-91-8	10 - 30
Alcohols, C12-15, ethoxylated	68131-39-5	7 - 13
Sodium xylene sulphonate	1300-72-7	7 - 13
Diethylene glycol monobutyl ether	112-34-5	3 - 7
Isopropanol	67-63-0	3 - 7
Sodium hydroxide	1310-73-2	3 - 7

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.

**Skin contact** Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.

**Inhalation** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Ingestion** Do not induce vomiting. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention.

**Notes to physician** Symptoms may be delayed.

**General advice** Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Keep away from sources of ignition. No smoking. Avoid contact with eyes and skin. Keep out of reach of children.

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## 5. Fire Fighting Measures

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<b>Flammable properties</b>	Combustible by WHMIS criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Foam. Carbon dioxide. Water Fog.
<b>Unsuitable extinguishing media</b>	Water. Do not use water jet.
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available.
<b>Sensitivity to static discharge</b>	Not available.

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## 6. Accidental Release Measures

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<b>Personal precautions</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Use water spray to reduce vapours or divert vapour cloud drift. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

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## 7. Handling and Storage

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<b>Handling</b>	Use only with adequate ventilation. Avoid contact with eyes, skin and clothing. When using do not eat or drink. Wash thoroughly after handling. Use good industrial hygiene practices in handling this material. Keep container tightly closed. Avoid breathing vapours or mists of this product.
<b>Storage</b>	Keep away from heat and flame. Store in a closed container away from incompatible materials. Keep out of reach of children. Do not store at temperatures above 120°F (49°C).

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## 8. Exposure Controls/Personal Protection

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### Occupational exposure limits

#### ACGIH Biological Exposure Indices

Components	Type	Value
Isopropanol (CAS 67-63-0)	BEI	40 mg/L

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Diethylene glycol monobutyl ether (CAS 112-34-5)	TWA	10 ppm	Inhalable fraction and vapor.
Isopropanol (CAS 67-63-0)	STEL	400 ppm	
	TWA	200 ppm	
Sodium hydroxide (CAS 1310-73-2)	Ceiling	2 mg/m <sup>3</sup>	

<b>Exposure limits</b>	See above
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<b>Engineering controls</b>	General ventilation normally adequate.
<b>Personal protective equipment</b>	
<b>Eye/Face protection</b>	Wear safety glasses with side shields.
<b>Hand protection</b>	Rubber gloves. Confirm with a reputable supplier first.
<b>Skin and body protection</b>	As required by employer code.
<b>Respiratory protection</b>	Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.
<b>General hygiene considerations</b>	Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practices. When using do not eat or drink.

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## 9. Physical and Chemical Properties

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<b>Appearance</b>	Clear
<b>Colour</b>	Amber to. Colourless
<b>Form</b>	Liquid
<b>Odour</b>	Fresh
<b>Odour threshold</b>	Not available.
<b>Physical state</b>	Liquid.
<b>pH</b>	6 - 8
<b>Freezing point</b>	Not available.
<b>Boiling point</b>	Not available.
<b>Pour point</b>	Not available.
<b>Evaporation rate</b>	Not available
<b>Flash point</b>	62.0 °C (143.6 °F)
<b>Auto-ignition temperature</b>	Not available.
<b>Flammability Limits in Air, Upper, % by Volume</b>	Not available.
<b>Flammability Limits in Air, Lower, % by Volume</b>	Not available.
<b>Heat of combustion</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Specific gravity</b>	1.05 - 1.06
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Solubility (Water)</b>	Dispersible
<b>Relative density</b>	Not available.
<b>Viscosity</b>	Not available.
<b>VOC</b>	Not available
<b>Percent volatile</b>	Not available

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## 10. Stability and Reactivity

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<b>Reactivity</b>	This product may react with oxidizing agents.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Avoid high temperatures. Do not mix with other chemicals.
<b>Incompatible materials</b>	Oxidizers. Acids. Caustics.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of nitrogen. Oxides of carbon. Oxides of sulphur.

## 11. Toxicological Information

### Toxicological data

Components	Species	Test results
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Alcohols, C12-15, ethoxylated (CAS 68131-39-5)

**Acute**

*Dermal*

LD50

Rabbit

2500 mg/kg

2000 mg/kg

*Inhalation*

LC50

Not available

*Oral*

LD50

Rat

1600 mg/kg

Diethylene glycol monobutyl ether (CAS 112-34-5)

**Acute**

*Dermal*

LD50

Rabbit

2700 mg/kg

*Inhalation*

LC50

Not available

*Oral*

LD50

Guinea pig

2000 mg/kg

Mouse

2400 mg/kg

Rabbit

2200 mg/kg

Rat

3384 mg/kg

Isopropanol (CAS 67-63-0)

**Acute**

*Dermal*

LD50

Rabbit

12800 mg/kg

*Inhalation*

LC50

Rat

16970 mg/l/4h

*Oral*

LD50

Dog

4797 mg/kg

Mouse

3600 mg/kg

Rabbit

5030 mg/kg

Rat

4396 mg/kg

Sodium dodecylbenzenesulfonate (CAS 25155-30-0)

**Acute**

*Dermal*

LD50

Rat

2700 mg/kg

*Inhalation*

LC50

Not available

*Oral*

LD50

Rat

438 mg/kg

Sodium hydroxide (CAS 1310-73-2)

**Acute**

*Dermal*

LD50

Rabbit

1350 mg/kg

*Inhalation*

LC50

Not available

Components	Species	Test results
<i>Oral</i> LD50	Not available	
Sodium xylene sulphonate (CAS 1300-72-7)		
<b>Acute</b> <i>Dermal</i> LD50	Not available	
<i>Inhalation</i> LC50	Rat	557 mg/l/4h
<i>Oral</i> LD50	Rat	6500 mg/kg

#### Effects of acute exposure

<b>Eye contact</b>	May cause irritation.
<b>Skin contact</b>	May cause irritation.
<b>Inhalation</b>	May cause respiratory irritation.
<b>Ingestion</b>	May cause stomach distress, nausea or vomiting.
<b>Sensitisation</b>	Non-hazardous by WHMIS criteria.
<b>Chronic effects</b>	Non-hazardous by WHMIS criteria.
<b>Carcinogenicity</b>	Non-hazardous by WHMIS criteria.
<b>ACGIH Carcinogens</b>	
Isopropanol (CAS 67-63-0)	A4 Not classifiable as a human carcinogen.
<b>Mutagenicity</b>	Non-hazardous by WHMIS criteria.
<b>Reproductive effects</b>	Non-hazardous by WHMIS criteria.
<b>Teratogenicity</b>	Non-hazardous by WHMIS criteria.
<b>Name of Toxicologically Synergistic Products</b>	Not available.

## 12. Ecological Information

<b>Ecotoxicity</b>	See below		
<b>Ecotoxicological data</b>			
<b>Components</b>		<b>Species</b>	<b>Test results</b>
Alcohols, C12-15, ethoxylated (CAS 68131-39-5)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	0.37 - 0.43 mg/L, 48 hours
Fish	LC50	Channel catfish (Ictalurus punctatus)	1.04 - 1.39 mg/L, 96 hours
Alkoxylated alcohols (CAS 24938-91-8)			
<b>Aquatic</b>			
Fish	LC50	Bluegill (Lepomis macrochirus)	5.9 - 9.7 mg/L, 96 hours
Diethylene glycol monobutyl ether (CAS 112-34-5)			
Crustacea	EC50	Daphnia	2850 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Bluegill (Lepomis macrochirus)	1300 mg/L, 96 hours
Isopropanol (CAS 67-63-0)			
Algae	IC50	Algae	1000 mg/L, 72 Hours
Crustacea	EC50	Daphnia	13299 mg/L, 48 Hours
<b>Aquatic</b>			
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/L, 96 hours

Components	Species		Test results
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	3.26 - 14.51 mg/L, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	3.2 - 5.6 mg/L, 96 hours
Sodium hydroxide (CAS 1310-73-2)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Ceriodaphnia dubia)	34.59 - 47.13 mg/L, 48 hours
Fish	LC50	Western mosquitofish (Gambusia affinis)	125 mg/L, 96 hours
<b>Persistence and degradability</b>	Not available.		
<b>Bioaccumulation/accumulation</b>	Not available		
<b>Mobility in environmental media</b>	Not available.		
<b>Environmental effects</b>	Not available.		
<b>Aquatic toxicity</b>	Not available.		
<b>Partition coefficient</b>			
Diethylene glycol monobutyl ether		0.56	
Isopropanol		0.05	
Sodium dodecylbenzenesulfonate		0.45	
<b>Chemical fate information</b>	Not available.		

### 13. Disposal Considerations

<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

### 14. Transport Information

**General** Canada: TDG Proof of Classification: In accordance with Part 2.2.1 (SOR/2014-152) of the Transportation of Dangerous Goods Regulations, we certify that the classification of this product is correct as of the SDS date of issue. If applicable, the technical name and the classification of the product will appear below.

#### Transportation of Dangerous Goods (TDG - Canada)

##### Basic shipping requirements:

<b>UN number</b>	UN3082
<b>Proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Alcohols, C12-15, ethoxylated)
<b>Hazard class</b>	9
<b>Packing group</b>	III
<b>Marine pollutant</b>	D
<b>Special provisions</b>	16, 99
<b>Packaging exceptions</b>	<5L - Limited Quantity

#### TDG



## 15. Regulatory Information

**Canadian federal regulations** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

**Canada NPRI VOCs with Additional Reporting Requirements: Mass reporting threshold/Identification Number**

Diethylene glycol monobutyl ether (CAS 112-34-5)	1 TONNES
Isopropanol (CAS 67-63-0)	1 TONNES

**Canada WHMIS Ingredient Disclosure: Threshold limits**

Diethylene glycol monobutyl ether (CAS 112-34-5)	1 %
Isopropanol (CAS 67-63-0)	1 %
Sodium dodecylbenzenesulfonate (CAS 25155-30-0)	1 %
Sodium hydroxide (CAS 1310-73-2)	1 %

**WHMIS status** Controlled  
**WHMIS Classification** Class B - Division 3 - Combustible Liquid, Class D - Division 2B

**WHMIS labeling**



**Inventory status**

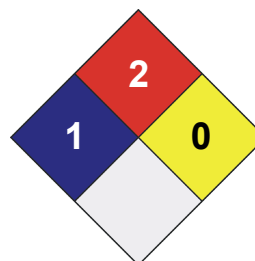
Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

## 16. Other Information

LEGEND	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

HEALTH	/ 1
FLAMMABILITY	2
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



**Disclaimer**

Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document.

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**Prepared by** Dell Tech Laboratories Ltd. Phone: (519) 858-5021

**Other information** For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.  
 This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.