

# MATERIAL SAFETY DATA SHEET

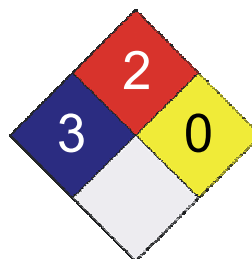
## 1. Product and Company Identification

**Product Name** 826 – Prime Source Grill & Oven Cleaner #760007651  
**CAS #** Mixture  
**Product Use** Oven cleaner  
**Manufacturer** Prime Source

St. Louis, MO 63141  
Phone: 1-800-332-9000  
Emergency Phone: 1-866-836-8855

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 3
Flammability	2
Physical Hazard	0
Personal Protection	X



## 2. Hazards Identification

**Emergency Overview** DANGER -- CORROSIVE  
Contents under pressure. Containers may explode when heated.

**Potential short term health effects**

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

**Eyes** Causes chemical burns. May cause blindness.

**Skin** Causes chemical burns. Harmful contact may not cause immediate pain. This product may be harmful if it is absorbed through the skin.

**Inhalation** Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).

**Ingestion** Not a normal route of exposure. Corrosive and may cause severe and permanent damage to mouth, throat, and stomach.

**Target organs** Eyes. Respiratory system. Skin. Based on published data, if contact is repeated and prolonged, monoethanolamine may cause liver and kidney damage. These effects have not been observed in humans.

**Chronic effects** This product may be harmful if it is absorbed through the skin. Prolonged or repeated exposure can cause drying, defatting and dermatitis.

**Signs and symptoms** The product causes burns of eyes, skin and mucous membranes.

## 3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Monoethanolamine	141-43-5	1 - 5
Sodium hydroxide	1310-73-2	3 - 7
Propane	74-98-6	3 - 7
Butane	106-97-8	3 - 7
Diethylene glycol monobutyl ether	112-34-5	7 - 13

## 4. First Aid Measures

**First aid procedures**

**Eye contact** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

<b>Skin contact</b>	Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists.
<b>Inhalation</b>	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

## 5. Fire-fighting Measures

<b>Flammable properties</b>	Not flammable by WHMIS criteria. Containers may explode when heated.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Dry chemical. Alcohol foam. Carbon dioxide.
<b>Unsuitable extinguishing media</b>	Do not use a solid water stream as it may scatter and spread fire.
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.
<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.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

## 6. Accidental Release Measures

<b>Personal precautions</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Methods for containment</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

## 7. Handling and Storage

<b>Handling</b>	Use good industrial hygiene practices in handling this material. Do not get this material in your eyes, on your skin, or on your clothing.
<b>Storage</b>	Keep out of reach of children. Do not store at temperatures above 49°C (120.2°F). Keep away from heat, open flames or other sources of ignition.

## 8. Exposure Controls / Personal Protection

Exposure limits Ingredient(s)	Exposure limits
Butane	<b>ACGIH-TLV</b> TWA: 1000 ppm
Diethylene glycol monobutyl ether	<b>ACGIH-TLV</b> Not established
Monoethanolamine	<b>ACGIH-TLV</b> TWA: 3 ppm STEL: 6 ppm
Propane	<b>ACGIH-TLV</b> TWA: 1000 ppm
Sodium hydroxide	<b>ACGIH-TLV</b> Ceiling: 2 mg/m3
<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. Avoid breathing mists or vapours.
<b>General hygiene considerations</b>	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands and face before breaks and immediately after handling the product.

## 9. Physical & Chemical Properties

<b>Appearance</b>	Compressed liquefied gas
<b>Colour</b>	Colourless
<b>Form</b>	gel Spray
<b>Odour</b>	Ammonia
<b>Odour threshold</b>	Not available
<b>Physical state</b>	Gas
<b>pH</b>	13.5
<b>Freezing point</b>	Not available
<b>Boiling point</b>	194.00 °C (381.2 °F) (estimated)
<b>Flash point</b>	< -17.77 °C (< 0 °F) (Propellant)
<b>Evaporation Rate</b>	Not available
<b>Flammability</b>	17.12 kJ/g
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability Limits in Air, Upper, % by Volume</b>	Not available
<b>Vapour pressure</b>	> 556 kPa
<b>Vapour density</b>	Not available
<b>Specific gravity</b>	1.0581 (Concentrate)
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	Complete
<b>Auto-ignition temperature</b>	Not available
<b>VOC (Weight %)</b>	8
<b>Viscosity</b>	Not available

## 10. Chemical Stability & Reactivity Information

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Aerosol containers are unstable at temperatures above 49°C (120.2°F). Do not mix with other chemicals. Reacts violently with acids. This product may react with oxidizing agents.
<b>Incompatible materials</b>	Acids. Oxidizing agents.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
Butane	Not available
Diethylene glycol monobutyl ether	Not available
Monoethanolamine	1210 mg/m <sup>3</sup> mouse
Propane	Not available
Sodium hydroxide	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Butane	Not available
Diethylene glycol monobutyl ether	2000 mg/kg guinea pig; 3384 mg/kg rat; 2200 mg/kg rabbit
Monoethanolamine	1720 mg/kg rat; 700 mg/kg mouse
Propane	Not available
Sodium hydroxide	140 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	Causes chemical burns. May cause blindness.
<b>Skin</b>	Causes chemical burns. Harmful contact may not cause immediate pain. This product may be harmful if it is absorbed through the skin.
<b>Inhalation</b>	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).
<b>Ingestion</b>	Not a normal route of exposure. Corrosive and may cause severe and permanent damage to mouth, throat, and stomach.

### Sensitisation

Non-hazardous by WHMIS criteria.

### Chronic effects

Non-hazardous by WHMIS criteria. This product may be harmful if it is absorbed through the skin. Based on published data, if contact is repeated and prolonged, 2-aminoethanol may cause liver and kidney damage. These effects have not been observed in humans.

### Carcinogenicity

Non-hazardous by WHMIS criteria.

### Mutagenicity

Non-hazardous by WHMIS criteria.

### Reproductive effects

Non-hazardous by WHMIS criteria.

### Teratogenicity

Non-hazardous by WHMIS criteria.

## 12. Ecological Information

<b>Ecotoxicity effects</b>	Components of this product have been identified as having potential environmental concerns.	
<b>Ecotoxicity - Freshwater Algae Data</b>		
Diethylene glycol monobutyl ether	112-34-5	96 Hr EC50 Scenedesmus subspicatus: >100 mg/L
Monoethanolamine	141-43-5	72 Hr EC50 Scenedesmus subspicatus: 15 mg/L
<b>Ecotoxicity - Freshwater Fish Species Data</b>		
Diethylene glycol monobutyl ether	112-34-5	96 Hr LC50 Lepomis macrochirus: 1300 mg/L [static]
Monoethanolamine	141-43-5	96 Hr LC50 Pimephales promelas: 227 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 3684 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 329.16 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 150 mg/L [static]
Sodium hydroxide	1310-73-2	96 Hr LC50 Oncorhynchus mykiss: 45.4 mg/L [static]
<b>Ecotoxicity - Microtox Data</b>		
Monoethanolamine	141-43-5	30 min EC50 Photobacterium phosphoreum: 13.7 mg/L; 17 Hr EC50 Pseudomonas putida: 110 mg/L; 2 Hr EC50 Nitrosomonas: 12200 mg/L
<b>Ecotoxicity - Water Flea Data</b>		
Diethylene glycol monobutyl ether	112-34-5	24 Hr EC50 water flea: 2850 mg/L; 48 Hr EC50 Daphnia magna: >100 mg/L
Monoethanolamine	141-43-5	48 Hr EC50 Daphnia magna: 65 mg/L
<b>Environmental effects</b>	Not available	
<b>Aquatic toxicity</b>	Not available	
<b>Persistence and degradability</b>	Not available	
<b>Bioaccumulation/accumulation</b>	Not available	
<b>Partition coefficient</b>	Not available	
<b>Mobility in environmental media</b>	Not available	
<b>Chemical fate information</b>	Not available	

## 13. Disposal Considerations

<b>Waste codes</b>	Not available
<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

### Transportation of Dangerous Goods (TDG)

**Basic shipping requirements:**

<b>Proper shipping name</b>	AEROSOLS, non-flammable, containing substances in Class 8, packing group II
<b>Hazard class</b>	2.2 (8)
<b>UN number</b>	UN1950
<b>Additional information:</b>	
<b>Special provisions</b>	80
<b>Packaging exceptions</b>	<0.125L - Consumer Commodity



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## 15. Regulatory Information

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**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 - WHMIS - Ingredient Disclosure List**

Butane	106-97-8	1 %
Diethylene glycol monobutyl ether	112-34-5	1 %
Monoethanolamine	141-43-5	1 %
Sodium hydroxide	1310-73-2	1 %

**WHMIS classification** Class A - Compressed Gas, Class E - Corrosive Material

**WHMIS status** Controlled

**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)

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## 16. Other Information

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**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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