

Material Safety Data Sheet

OVEN AND GRILL CLEANER AEROSOL



1. Product and company identification

Trade name of product : OVEN AND GRILL CLEANER AEROSOL

Product use : Grill Cleaner

Product dilution information : Not applicable

Supplier's information : PureForce
370 Wabasha Street North
St. Paul, MN 55102
1-866-444-7450

Code : 902139-02

Date of issue : 04-January-2012

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

2. Hazards identification

Product AS SOLD

Physical state : Aerosol

Emergency overview : DANGER !

CAUSES DIGESTIVE TRACT, EYE AND SKIN BURNS.

FLAMMABLE AEROSOLS.

CAUSES RESPIRATORY TRACT IRRITATION.

CONTENTS UNDER PRESSURE.

Intentional misuse by deliberate inhalation may be harmful or fatal.

Do not ingest. Do not get in eyes, on skin or on clothing. Avoid breathing vapors, spray or mists. Keep away from heat, sparks and flame. Keep away from heat and direct sunlight. Do not puncture, incinerate or store the container at temperatures above 49°C (120°F) or in direct sunlight. Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling.

Product AT USE DILUTION

Product is sold ready to use.

Potential acute health effects

Product AS SOLD

Eyes : Corrosive to eyes.

Skin : Corrosive to the skin.

Inhalation : Severely irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness.

Ingestion : Causes burns to mouth, throat and stomach.

See toxicological information (Section 11)

Product AT USE DILUTION

Product is sold ready to use.

3. Composition/information on ingredients

Product AS SOLD

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
SODIUM HYDROXIDE	1310-73-2	8
BUTOXYDIGLYCOL	112-34-5	3
BUTANE	106-97-8	1 - 5
PROPANE	74-98-6	1 - 5

Product AT USE DILUTION

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Product is sold ready to use.		

4. First aid measures

Product AS SOLD

Eye contact	: In case of contact, immediately flush eyes with cool running water. Remove contact lenses and continue flushing with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin contact	: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Inhalation	: If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention.
Ingestion	: If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Product AT USE DILUTION

Product is sold ready to use.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Use water spray to keep fire-exposed containers cool. Containers may explode when heated. Ruptured cylinders may rocket. Dike area of fire to prevent runoff.

Flammable aerosol. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Gas may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back, causing fire or explosion. Bursting aerosol containers may be propelled from a fire at high speed. Runoff to sewer may create fire or explosion hazard.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

	Product AS SOLD
Personal precautions	: Initiate company's spill response procedures immediately. Keep people out of area. Put on appropriate personal protective equipment (see section 8). Do not touch or walk through spilled material.
Environmental precautions	: Avoid contact of spilled material and runoff with soil and surface waterways.
Methods for cleaning up	: If emergency personnel are not present, contain and collect small spillages with non-combustible absorbent material, e.g. sand, earth or other suitable material and place in a suitable container for disposal. Use a water rinse for final clean-up.

Product AT USE DILUTION
Product is sold ready to use.

7. Handling and storage

	Product AS SOLD
Handling	: Do not ingest. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or mist. Keep away from heat, sparks and flame. To avoid fire, eliminate ignition sources. Liquid and vapor under pressure. Do not puncture or incinerate container. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
Storage	: Keep out of reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Do not puncture or incinerate container. Avoid all possible sources of ignition (spark or flame). Do not store above the following temperature: 45°C

Product AT USE DILUTION
Product is sold ready to use.

8. Exposure controls/personal protection

	Product AS SOLD
Engineering measures	: Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
Personal protection	
Eyes	: Use chemical splash goggles. For continued or severe exposure wear a face shield over the goggles.
Hands	: Use chemical-resistant, impervious gloves.
Skin	: Wear suitable protective clothing.
Respiratory	: Wear appropriate respirator when ventilation is inadequate and occupational exposure limits are exceeded.

Product AT USE DILUTION
Product is sold ready to use.

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Ingredient	Exposure limits

8. Exposure controls/personal protection

SODIUM HYDROXIDE	ACGIH TLV (United States, 2/2010). C: 2 mg/m ³ OSHA PEL (United States, 6/2010). TWA: 2 mg/m ³ 8 hour(s). NIOSH REL (United States, 6/2009). CEIL: 2 mg/m ³
BUTANE	ACGIH TLV (United States, 2/2010). TWA: 1000 ppm 8 hour(s). NIOSH REL (United States, 6/2009). TWA: 800 ppm 10 hour(s). TWA: 1900 mg/m ³ 10 hour(s).
PROPANE	ACGIH TLV (United States, 2/2010). TWA: 1000 ppm 8 hour(s). OSHA PEL (United States, 6/2010). TWA: 1800 mg/m ³ 8 hour(s). TWA: 1000 ppm 8 hour(s). NIOSH REL (United States, 6/2009). TWA: 1000 ppm 10 hour(s). TWA: 1800 mg/m ³ 10 hour(s).

9. Physical and chemical properties

Product AS SOLD Physical state : Aerosol Flash point : Not applicable Color : Clear Odor : Odorless pH : 13 to 14 [Conc. (% w/w): 100%] Boiling/condensation point : >100°C (>212°F) Relative density : 1.02 to 1.04	Product AT USE DILUTION Product is sold ready to use.
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10. Stability and reactivity

Product AS SOLD Stability : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur. Reactivity : Reactive or incompatible with the following materials: organic materials, metals, acids and alkalis. Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.
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11. Toxicological information

Potential acute health effects

Product AS SOLD Eyes : Corrosive to eyes. Skin : Corrosive to the skin. Inhalation : Severely irritating to the respiratory system. High vapor concentrations can cause headaches, dizziness, drowsiness and nausea and may lead to unconsciousness. Ingestion : Causes burns to mouth, throat and stomach.	Product AT USE DILUTION Product is sold ready to use.
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Product AS SOLD

11. Toxicological information

Other adverse effects

Target organs : Contains material which may cause damage to the following organs: blood, kidneys, liver, heart, upper respiratory tract, central nervous system (CNS).

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

Product AS SOLD

Waste disposal : Avoid disposal. Attempt to use product completely in accordance with intended use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

RCRA classification : Unused product is D002 (Corrosive)
Unused product is D001 (Ignitable)

Product AT USE DILUTION

Product is sold ready to use.

14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

Product AS SOLD

DOT Classification UN1950
DOT Proper shipping name Aerosols
Class 2.1
Packing group -

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD

HCS Classification : Corrosive material
Target organ effects

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Product is sold ready to use.

Product AS SOLD

U.S. Federal regulations

TSCA 8(b) inventory : All components are listed or exempted.
SARA 302/304/311/312 extremely hazardous substances: No listed substance
SARA 302/304 emergency planning and notification: No listed substance

SARA 313	Product name	CAS number	Concentration
Form R - Reporting requirements	: 2-(2-butoxyethoxy)ethanol	112-34-5	1 - 5

California Prop. 65 : No listed substance

16. Other information

16. Other information

Product AS SOLD

Hazardous Material :
Information System (U.S.A.)

Health	3
Flammability	2
Physical hazards	0

National Fire Protection :
Association (U.S.A.)



NFPA Aerosol Level : Level 1

Date of issue : 04-January-2012
Responsible name : Regulatory Affairs
1-800-352-5326

☑ Indicates information that has changed from previously issued version.

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.