1. Product and Company Identification

Product Code: 106G

Product Name: Oven Cleaner

Company Name: Great Western Sanitary Supplies
17522 Griffin Lane Huntington Beach
Huntington Beach, CA 92647

Phone Number: (714)536-6544

Emergency Contact: Infotrac

Emergency Phone: (800)535-5053

Recommended Use: Oven Cleaner

Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 1A
Serious Eye Damage/Eye Irritation, Category 2A
Target Organ Systemic Toxicity (single exposure), Category 3

GHS Signal Word: **Danger**

GHS Hazard Phrases:
Harmful if inhaled.
Harmful if swallowed.
Harmful in contact with skin.
Causes severe skin burns and eye damage.
Causes serious eye irritation.
May cause respiratory irritation.

GHS Precaution Phrases:
Use only outdoors or in a well-ventilated area.
Avoid breathing fumes and spray mist.
Wash hands thoroughly after handling.
Keep out of reach of children.
Do not eat, drink or smoke when using this product.
Wear protective gloves, protective clothing, eye protection, face protection.
Take off contaminated clothing and wash it before reuse.
Do not breathe dust, fumes, mist, vapors, spray.

GHS Response Phrases:
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If swallowed: Call a Poison Center or doctor if you feel unwell.
If on skin (or in hair): Wash with plenty of soap and water.
If on skin (or in hair): Take off immediately all contaminated clothing. Rinse skin with water.
Wash contaminated clothing before reuse.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If swallowed: Rinse mouth. Do NOT induce vomiting.
If eye irritation persists, get medical attention immediately.
Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal
Dispose of contents and container according to the local, city, state and federal

Phrases: regulations.
Store locked up.
Store container tightly closed in well-ventilated place - if product is as volatile as to generate hazardous atmosphere.

Potential Health Effects (Acute and Chronic): Prolonged or repeated eye contact may cause conjunctivitis.

Prolonged or repeated skin contact may cause dermatitis.

May cause liver and kidney damage. Sophisticated modeling has clearly proven that 2-butoxyethanol does not build up in the body under any kinds of normal use.

Inhalation: Harmful if inhaled. Irritation may lead to chemical pneumonitis and pulmonary edema. Causes chemical burns to the respiratory tract.

Skin Contact: Causes skin burns. Causes skin irritation. Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin. Causes symptoms similar to those of inhalation.

Eye Contact: Contact may cause ulceration of the conjunctiva and cornea. Eye damage may be delayed. Causes redness and pain. May cause chemical conjunctivitis and corneal damage. Causes eye irritation.

Ingestion: Harmful if swallowed. May cause perforation of the digestive tract. Causes severe digestive tract burns with abdominal pain, vomiting, and possible death. May cause systemic effects. Causes burns. May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-58-3	Potassium hydroxide	Proprietary
6834-92-0	Silicic acid (H2SiO3), Disodium salt	Proprietary
111-76-2	Ethanol, 2-Butoxy-	Proprietary

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Get medical aid immediately. Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Do NOT use mouth-to-mouth resuscitation. If breathing has ceased apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask. If breathed in, move person into fresh air.

In Case of Skin Contact: Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

In Case of Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately. Do NOT allow victim to rub eyes or keep eyes closed. Extensive irrigation with water is required (at least 30 minutes). Continue rinsing eyes during transport to hospital.

In Case of Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE

Explosive Limits: LEL: N.E. UEL: N.E.

Autoignition Pt: NE

Suitable Extinguishing Media: Use dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks: Clean up spills immediately, observing precautions in the Protective Equipment section. Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing: Keep container closed when not in use. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from water.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-58-3	Potassium hydroxide	No data.	CEIL: 2 mg/m3	No data.
6834-92-0	Silicic acid (H2SiO3), Disodium salt	No data.	No data.	No data.
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Face shield and safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure. Handle with gloves.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States:	[ ] Gas [X] Liquid [ ] Solid
Appearance and Odor:	Amber colored liquid with solvent fragrance.
Melting Point:	No data.
Boiling Point:	> 212.00 F
Autoignition Pt:	NE
Flash Pt:	NE
Explosive Limits:	LEL: N.E. UEL: N.E.
Specific Gravity (Water = 1):	1.160
Density:	9.67 lbs/gal
Vapor Pressure (vs. Air or mm Hg):	NE
Vapor Density (vs. Air = 1):	NE
Evaporation Rate:	NE
Solubility in Water:	100%
Saturated Vapor Concentration:	NE
Viscosity:	NP
pH:	13 - 14
Percent Volatile:	No data.
VOC / Volume:	10.0000 G/L

10. Stability and Reactivity

Stability:	Unstable [ ] Stable [X]
Conditions To Avoid - Instability:	None.
Incompatibility - Materials To Avoid:	Moisture, acids, Lead. Tin/tin oxides, Aluminum and Soft Metals. Strong oxidizing agents, Strong bases, Aluminum.
Hazardous Decomposition Or Byproducts:	CO, CO2.
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	None.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information:

CAS# 6834-92-0:
Acute toxicity, LD50, Oral, Mouse, 770.0 MG/KG.
Results:
Kidney, Ureter, Bladder:Changes in tubules (including acute renal failure, acute tubular necrosis).
Kidney, Ureter, Bladder: Changes in bladder weight.
Nutritional and Gross Metabolic:Weight loss or decreased weight gain.
- Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 31(Suppl),, 1986

CAS# 111-76-2:
Acute toxicity, LD50, Oral, Rat, 470.0 MG/KG.
Results:
Behavioral: Somnolence (general depressed activity).
Behavioral: Muscle weakness.
- Dow Chemical Company Reports., Dow Chemical USA, Health and Environment Research, Toxicology Research Lab, Midland, MI 48640, Vol/p/yr: MSD-46,

Acute toxicity, LC50, Inhalation, Rat, 450.0 PPM, 4 H.
Results:
Behavioral: Ataxia.
Nutritional and Gross Metabolic:Weight loss or decreased weight gain.
- Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 68,405, 1983

CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. California: Not listed.
NTP: Not listed.
IARC: Not listed.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

Results of PBT and vPvB assessment:

CAS# 111-76-2:
LC50, Brine Shrimp (Artemia salina), nauplii, 1000000. UG/L, 24 H, Mortality, Water temperature: 24.00 C C.
Results:
Morphological changes.
- Brine Shrimp Bioassay and Seawater BOD of Petrochemicals, Price, K.S., G.T. Waggy, and R.A. Conway, 1974

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Quart: Limited quantity.
Gallon or higher:
NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: NA1760 **Packing Group:** II

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: NA1760, Compounds, Cleaning Liquid, (Contains Potassium Hydroxide), 8, II.

15. Regulatory Information

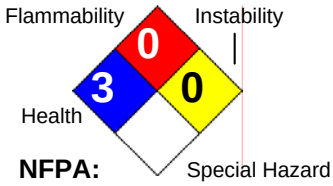
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-58-3	Potassium hydroxide	CA PROP.65: No; CA TAC, Title 8: Title 8
6834-92-0	Silicic acid (H2SiO3), Disodium salt	CA PROP.65: No; CA TAC, Title 8: No
111-76-2	Ethanol, 2-Butoxy-	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8

16. Other Information

Hazard Rating System:

HMIS:

NFPA:



Revision Date: 02/20/2015

Additional Information About This Product: No data available.

Company Policy or Disclaimer: The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.