

1. Product and Company Identification

Product Code: 101G
Product Name: Cleaner Degreaser
Company Name: Great Western Sanitary Supplies
17522 Griffin Lane Huntington Beach
Huntington Beach, CA 92647
Phone Number: (714)536-6544

Emergency Contact: Infotrac (800)535-5053

Recommended Use: Hard Surface Cleaner/Degreaser
Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Skin Corrosion/Irritation, Category 3
Acute Toxicity: Oral, Category 4
Acute Toxicity: Skin, Category 5
Serious Eye Damage/Eye Irritation, Category 2B



GHS Signal Word: **Warning**

GHS Hazard Phrases: Causes mild skin irritation.
Harmful if swallowed.
May be harmful in contact with skin.
Causes eye irritation.

GHS Precaution Phrases: Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product.
Keep out of reach of children.
Wear protective gloves and eye/face protection as specified by the supplier or the competent authority.

GHS Response Phrases: If swallowed: Immediately call a Poison Center or doctor.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If on skin (or in hair): Wash with plenty of soap and water.

GHS Storage and Disposal Phrases: Store in cool dry place at room temperature away from direct sunlight.
Dispose of contents and container according to the local, city, state and federal regulations.

Potential Health Effects (Acute and Chronic):

Inhalation: Harmful if inhaled. May cause respiratory tract irritation. May cause narcotic effects in high concentration.

Skin Contact: Causes skin irritation. Harmful if absorbed through the skin. Substance is rapidly absorbed through the skin.

Eye Contact: Causes eye irritation. Causes redness and pain. Causes severe eye burns. Contact may cause ulceration of the conjunctiva and cornea.

Ingestion: Harmful if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Causes burns. May cause severe and permanent damage to the digestive

tract.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
111-76-2	Ethanol, 2-Butoxy-	Proprietary
7320-34-5	Potassium pyrophosphate	Proprietary
112-34-5	Diethylene glycol monobutyl ether	Proprietary
166736-08-9	Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	Proprietary

4. First Aid Measures

Emergency and First Aid**Procedures:**

- In Case of Inhalation:** Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Get medical advice/attention.
- In Case of Skin Contact:** Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.
- 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.
- In Case of Ingestion:** Get medical aid immediately. Call a poison control center. Never give anything by mouth to an unconscious person. Consult a physician. If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Signs and Symptoms Of Exposure: Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.

Note to Physician: Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: NE Method Used: Estimate

Explosive Limits: LEL: N/A UEL: N/A

Autoignition Pt: NA

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or chemical 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.

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: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

7. Handling and Storage

Precautions To Be Taken in Handling: Do not breathe dust, mist, or vapor. Keep container tightly closed. Discard contaminated shoes. Do not ingest or inhale.

Precautions To Be Taken in Storing: Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	No data.
7320-34-5	Potassium pyrophosphate	No data.	No data.	No data.
112-34-5	Diethylene glycol monobutyl ether	No data.	No data.	No data.
166736-08-9	Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	No data.	No data.	No data.

Respiratory Equipment No special requirements under normal use conditions.

(Specify Type):

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.): 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: Blue color liquid with solvent odor.

Melting Point: NE

Boiling Point: >= 212.00 F

Decomposition Temperature: NE

Autoignition Pt: NA

Flash Pt: NE Method Used: Estimate

Explosive Limits: LEL: N/A UEL: N/A

Specific Gravity (Water = 1): 1.020

Density: 8.50 LB/GA

Bulk density: NE

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): > 1

Evaporation Rate: NA

Solubility in Water: 100%

Saturated Vapor Concentration: NA

Viscosity: NP

pH: 10.5 - 12.0

Percent Volatile: No data.

VOC / Volume: 69.0000 G/L

Particle Size: NE
Heat Value: NE
Corrosion Rate: NE

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: No specific conditions to avoid noted.
Incompatibility - Materials To Avoid: Strong oxidizing agents, Aluminum, Lead. Tin/tin oxides, Aluminum and Soft Metals. Moisture, Strong acids.
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.
CAS# 111-76-2:
Carcinogenicity/Other Information: 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# 7320-34-5:
Acute toxicity, LD50, Skin, Species: Rabbit, 4640. MG/KG.
Results:
Paternal Effects: Testes, epididymis, sperm duct.
- National Technical Information Service, Vol/p/yr: OTS0571153,
California: Not listed.
NTP: Not listed.
IARC: Not listed. Carcinogenicity.
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. CAS# 1310-58-3: Not listed by ACGIH, IARC, NTP, or CA Prop 65.
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: NOT REGULATED FOR DOMESTIC TRANSPORT.

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-76-2	Ethanol, 2-Butoxy-	CA PROP.65: No; CA TAC, Title 8: TAC, Title 8
7320-34-5	Potassium pyrophosphate	CA PROP.65: No; CA TAC, Title 8: No
112-34-5	Diethylene glycol monobutyl ether	CA PROP.65: No; CA TAC, Title 8: TAC
166736-08-9	Oxirane, methyl-, polymer with oxirane, mono(2-propylheptyl) ether	CA PROP.65: No; CA TAC, Title 8: No

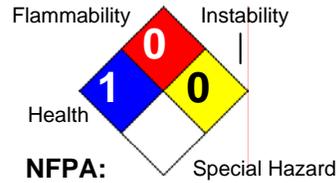


16. Other Information

Hazard Rating System:

HEALTH	1
FLAMMABILITY	0
PHYSICAL	0
PPE	B

HMIS:



NFPA:

Revision Date:

05/06/2015

Additional Information About This Product: No data available.

This Product:

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.