



## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code:</b>	00030	
<b>Product Name:</b>	GEE WHIZ W/BLEACH	
<b>Company Name:</b>	KIRBY CHEMICAL & RESTAURANT SUPPLY 809 S. EASTMAN RD. LONGVIEW, TX 75602	<b>Phone Number:</b> (903)757-2723  (800)255-3924
<b>Emergency Contact:</b>	CHEM-TEL, INC.	
<b>Intended Use:</b>	PRE SPOTTER	

## 2. HAZARDS IDENTIFICATION

**Acute Toxicity: Oral, Category 4**  
**Skin Corrosion/Irritation, Category 2**  
**Serious Eye Damage/Eye Irritation, Category 2A**  
**Acute Toxicity: Inhalation, Category 4**



**GHS Signal Word:** **Warning**

**GHS Hazard Phrases:** H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H319 - Causes serious eye irritation.  
H332 - Harmful if inhaled.

**GHS Precaution Phrases:** P264 - Wash hands thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P271 - Use only outdoors or in a well-ventilated area.  
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

**GHS Response Phrases:** P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P330 - Rinse mouth.  
P302+352 - IF ON SKIN: Wash with plenty of soap and water.  
P312 - Call a POISON CENTER/doctor/... if you feel unwell.  
P322 - Specific measures see ... on this label.  
P363 - Wash contaminated clothing before reuse.  
P321 - Specific treatment see ... on this label.  
P332+313 - If skin irritation occurs, get medical advice/attention.  
P362 - Take off contaminated clothing.  
P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+313 - If eye irritation persists, get medical advice/attention.  
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**GHS Storage and Disposal Phrases:** P501 - Dispose of contents/container to ....



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**Hazard Rating System:**

HEALTH	2
FLAMMABILITY	0
PHYSICAL	2
PPE	B

**Potential Health Effects (Acute and Chronic):**

Prolonged or repeated skin contact may cause dermatitis. Effects may be delayed.

**Inhalation:**

May cause respiratory tract irritation.

**Skin Contact:**

Causes skin irritation.

**Eye Contact:**

Causes eye irritation. Causes redness and pain. Causes eye burns.

**Ingestion:**

Harmful if swallowed. May cause irritation of the digestive tract. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Causes eye burns. Causes burns. Causes gastrointestinal tract burns. Causes severe pain, nausea, vomiting, diarrhea, and shock. May cause corrosion and permanent tissue destruction of the esophagus and digestive tract.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #	Hazardous Components (Chemical Name)	Concentration
111-76-2	Ethanol, 2-Butoxy-	< 2.0 %
141-43-5	Ethanol, 2-Amino-	< 2.0 %
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	< 2.0 %
1310-73-2	Sodium hydroxide	< 2.0 %
7681-52-9	Sodium hypochlorite	0.5 -2.0 %

### 4. FIRST AID MEASURES

**Emergency and First Aid**

**Procedures:**

If breathing is difficult, give oxygen. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathed in, move person into fresh air. Consult a physician. If inhaled, remove to fresh air.

**In Case of Inhalation:**

**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. Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician. Wash clothing before reuse.

**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. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

**In Case of Ingestion:**

Get medical aid immediately. Call a poison control center. Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Note to Physician:**

Consult a physician. If victim is fully conscious, give a cupful of water.

Treat symptomatically and supportively. Consult a physician. Move out of dangerous area.



## 5. FIRE FIGHTING MEASURES

<b>Flash Pt:</b>	No data.
<b>Explosive Limits:</b>	LEL: No data. UEL: No data.
<b>Autoignition Pt:</b>	No data.
<b>Suitable Extinguishing Media:</b>	Use water spray, dry chemical, carbon dioxide, or chemical foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Substance is noncombustible; use agent most appropriate to extinguish surrounding fire. Do NOT get water inside containers.
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire. Combustible liquid and vapor. Wear self contained breathing apparatus for fire fighting if necessary. Further information. The product itself does not burn. Use water spray to keep fire-exposed containers cool. Use water with caution and in flooding amounts. Contact with moisture or water may generate sufficient heat to ignite nearby combustible materials. Contact with metals may evolve flammable hydrogen gas.
<b>Flammable Properties and Hazards:</b>	No data available.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	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. Wear a self contained breathing apparatus and appropriate personal protection. (See Exposure Controls, Personal Protection section). Remove all sources of ignition. Use a spark-proof tool. Do not let this chemical enter the environment. Personal precautions. Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.  Environmental precautions. Do not let product enter drains. Methods for cleaning up. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal. Avoid dust formation. Avoid breathing dust. Pick up and arrange disposal without creating dust. Vacuum or sweep up material and place into a suitable disposal container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions.
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## 7. HANDLING AND STORAGE

<b>Precautions To Be Taken in Handling:</b>	Use spark-proof tools and explosion proof equipment. Do not get in eyes, on skin, or on clothing. Keep away from heat, sparks and flame. Do not ingest or inhale. Use only in a chemical fume hood. Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.  Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling. Do not allow water to get into the container because of violent reaction. Minimize dust generation and accumulation. Keep container tightly closed. Avoid ingestion and inhalation. Discard contaminated shoes. Use only with adequate ventilation.
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**Precautions To Be Taken in Storing:** Keep away from sources of ignition. Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic. Store in a cool, dry, well-ventilated area away from incompatible substances. Corrosives area. Keep away from acids. Store protected from moisture. Containers must be tightly closed to prevent the conversion of NaOH to sodium carbonate by the CO<sub>2</sub> in air.

## 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.
141-43-5	Ethanol, 2-Amino-	PEL: 3 ppm	TLV: 3 ppm STEL: 6 ppm	No data.
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	No data.	No data.	No data.
1310-73-2	Sodium hydroxide	PEL: 2 mg/m <sup>3</sup>	CEIL: 2 mg/m <sup>3</sup>	No data.
7681-52-9	Sodium hypochlorite	No data.	No data.	No data.

**Respiratory Equipment (Specify Type):** Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Eye Protection:** Safety glasses. Face shield and safety glasses.

**Protective Gloves:** Wear appropriate protective gloves to prevent skin exposure. Handle with gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/689/EEC and the standard EN 374 derived from it.

**Other Protective Clothing:** Wear appropriate protective clothing to prevent skin exposure. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

**Engineering Controls (Ventilation etc.):** No data available.

**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:** Appearance: Clear. Liquid.  
Odor: chlorine-like.

**Melting Point:** No data.

**Boiling Point:** No data.

**Autoignition Pt:** No data.

**Flash Pt:** No data.

**Explosive Limits:** LEL: No data. UEL: No data.

**Specific Gravity (Water = 1):** 1.042

**Vapor Pressure (vs. Air or mm Hg):** No data.

**Vapor Density (vs. Air = 1):** No data.

**Evaporation Rate:** No data.

**Solubility in Water:** YES



**pH:** 11.0 - 11.5

**Percent Volatile:** No data.

## 10. STABILITY AND REACTIVITY

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid -** No data available.

**Instability:**

**Incompatibility - Materials To Avoid:** Strong oxidizing agents, Strong bases, Aluminum, iron, Copper, Lead. Tin/tin oxides, Zinc, Water, Metals. acids, gelatin, nitromethane, leather, flammable liquids, organic halogens.

**Hazardous Decomposition Or Byproducts:** Carbon monoxide, Hazardous decomposition products formed under fire conditions.

Carbon oxides, nitrogen oxides (NOx), formed under fire conditions. Sodium oxides, silicon oxides. Toxic fumes of sodium oxide.

**Possibility of Hazardous Reactions:** Will occur [ ] Will not occur [ X ]

**Conditions To Avoid -** No data available.

**Hazardous Reactions:**

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Information:** Epidemiology: No information found.

Teratogenicity: No information available. Reproductive Effects: Mutagenicity:

Neurotoxicity: See actual entry in RTECS for complete information.

CAS# 1310-73-2: Sodium hydroxide:

**Irritation or Corrosion:**

Acute toxicity, LDLO, Oral, Species: Rabbit, 500.0 MG/KG.

Results:

Effects on Newborn: Stillbirth.

Effects on Newborn: Live birth index (# fetuses per litter; measured after birth).

Effects on Newborn: Weaning or lactation index (e.g., # alive at weaning per # alive at day {4}).

- Naunyn-Schmiedeberg's Archiv fuer Experimentelle Pathologie und Pharmakologie., Vol/p/yr: 184,587, 1937

Standard Draize Test, Skin, Species: Rabbit, 500.0 MG, 24 H.

Results:

Behavioral: Somnolence (general depressed activity).

Vascular: BP lowering not characterized in autonomic section.

Skin and Appendages: Skin: After topical exposure: Corrosive.

- "Sbornik Vysledku Toxixologickeho Vysetreni Latek A Pripravku," , Institut Pro Vychovu Vedoucicn P, Marhold, J.V., Institut Pro Vychovu Vedoucicn, Pracovniku Chemickeho, Prumyclu Praha Czechoslovakia, Vol/p/yr: -,7, 1972

CAS# 7681-52-9: Sodium hypochlorite:

Other Studies:, TDLo, Oral, Rat, 140.0 MG/KG, 9 W.

Results:

Endocrine: Changes in spleen weight.

Immunological Including Allergic: Decrease in cellular immune response.

Biochemical: Metabolism (Intermediary): Lipids including transport.

- Toxicology., Elsevier Scientific Pub. Ireland, Ltd., POB 85, Limerick Ireland, Vol/p/yr: 44,257, 1987

Acute toxicity, LD50, Oral, Mouse, 5800. CVJS.



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**Results:**

Behavioral: Change in motor activity (specific assay).

Gastrointestinal: Other changes.

- Shokuhin Eiseigaku Zasshi. Food Hygiene Journal., Nippon Shokuhin Eisei Gakkai, c/o Shokuhin Eisei Senta, 2-6-1 Jingumae, Shibuya-ku, Tokyo 150 Japan, Vol/p/yr: 27,553, 1986

Standard Draize Test, Eyes, Species: Rabbit, 10.00 MG; Toxicology and Applied Pharmacology, Academic Press, Inc., 1 E. First St., Duluth, MN 55802, Vol/p/yr: 55,501, 1980

Skin - rabbit - Severe skin irritation - -24 h.

**Carcinogenicity/Other Information:**

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.

CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
141-43-5	Ethanol, 2-Amino-	n.a.	n.a.	n.a.	n.a.
6834-92-0	Silicic acid (H <sub>2</sub> SiO <sub>3</sub> ), Disodium salt	n.a.	n.a.	n.a.	n.a.
1310-73-2	Sodium hydroxide	n.a.	n.a.	n.a.	n.a.
7681-52-9	Sodium hypochlorite	n.a.	n.a.	n.a.	n.a.

## 12. ECOLOGICAL INFORMATION

**General Ecological Information:**

Environmental: TERRESTRIAL FATE: Based on a recommended classification scheme, an estimated Koc value of 67,, determined from an experimental log Kow and a recommended regression-derived equation, indicates that ethylene glycol mono-n-butyl ether is expected to have high mobility in soil. An estimated BCF value of 2.5 was calculated for ethylene glycol mono-n-butyl ether, using an experimental log Kow of 0.83 and a recommended regression-derived equation. According to a recommended classification scheme, this BCF value suggests that bioconcentration in aquatic organisms is low.

Physical: No information found.

Other: An estimated BCF value of 2.5,, from an experimental log Kow, suggests that ethylene glycol mono-n-butyl ether bioconcentration in aquatic organisms will be low, according to a recommended classification scheme.

**Results of PBT and vPvB assessment:**

CAS# 1310-73-2: Sodium hydroxide:

LC50, Western Mosquitofish (Gambusia affinis), adult(s), 125000. UG/L, 24 H, Mortality, Water temperature: 22.00 C (71.6 F) - 24.00 C (75.2 F) C, pH: 9.00; Toxicity to Gambusia affinis of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

**Persistence and Degradability:**

No data available.

**Bioaccumulative Potential:**

No data available.

**Mobility in Soil:**

No data available.



### 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method:** Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.  
RCRA U-Series: None listed. Product.

This combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber.

Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Contaminated packaging. Dispose of as unused product.

### 14. TRANSPORT INFORMATION

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:**  
**DOT Hazard Class:**  
**UN/NA Number:**

**LAND TRANSPORT (Canadian TDG):**

**TDG Shipping Name:** Not Regulated. SODIUM HYDROXIDE, SOLID.

### 15. REGULATORY INFORMATION

**This material meets the EPA** [ ] Yes [X] No Acute (immediate) Health Hazard  
**'Hazard Categories' defined** [ ] Yes [X] No Chronic (delayed) Health Hazard  
**for SARA Title III Sections** [ ] Yes [X] No Fire Hazard  
**311/312 as indicated:** [ ] Yes [X] No Sudden Release of Pressure Hazard  
[ ] Yes [X] No Reactive Hazard

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
111-76-2	Ethanol, 2-Butoxy-	TSCA: Inventory
141-43-5	Ethanol, 2-Amino-	TSCA: Inventory
6834-92-0	Silicic acid (H2SiO3), Disodium salt	TSCA: Inventory
1310-73-2	Sodium hydroxide	TSCA: Inventory
7681-52-9	Sodium hypochlorite	TSCA: Inventory

### 16. OTHER INFORMATION

**Revision Date:** 11/13/2013  
**Additional Information About** No data available.  
**This Product:**

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OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements