

KW SOLUTIONS 2524 ACME CT TURLOCK, CA 95380

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Identifier: BIG O
Product Use: Alkaline Cleaner

Product Code: 111

KW SOLUTIONS
 2524 ACME CT
 TURLOCK, CA 95380
 (209)632-6900

24 Hr. Emergency Tel.#: 800-424-9300

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the Substance or Mixture:

Eye Irritation - Category 2
 Skin Irritation - Category 2



Signal Word: WARNING

Hazard Statements:

Causes serious eye irritation
 Causes skin irritation

Precautionary Statements:

Prevention

Wash hands thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection.

Response

IF ON SKIN: Wash with soap and water.

IF SKIN IRRITATION OCCURS: Get medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

IF EYE IRRITATION PERSISTS: Get medical advice/attention.

Take off contaminated clothing and wash before reuse

Hazards not Otherwise Classified:

No other hazards classified.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Synonym	CAS Number	Concentration
BUTOXYETHANOL	2-BUTOXYETHANOL	11-76-2	2-5%
POTASSIUM HYDROXIDE	CAUSTIC POTASH	1310-58-3	2-5%

SECTION 4 - FIRST-AID MEASURES

Inhalation: Get medical advice/attention if you feel unwell or are concerned.

Skin Contact: Take off contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water with a flushing duration of 15-20 minutes. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before re-use or discard.

Eye Contact: Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

Most Important Symptoms and Effects, both Acute and Delayed: Contact with eye can cause irritation. Contact with skin can cause irritation.

Indication of any Immediate Medical Attention and Special Treatment Needed: Treat symptomatically

SAFETY DATA SHEET

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing Media: Use water spray, powder, foam, carbon dioxide.

Special hazards arising from the substance or mixture: Non combustible. May give off irritating or toxic fumes (or gases) in a fire.

Flammability classification (OSHA 29 CFR 1910.106) (Hazcom 2012): Non flammable

Hazardous Combustion Products: Non combustible

Special protective equipment and precautions for firefighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

Methods and materials for containment and cleaning up: SMALL SPILLS (less than 1 gallon): May be flushed to an approved sewer line (with large amounts of water). Larger spills should be absorbed and collected for disposal. Ensure adequate decontamination of tools and equipment following clean up.

SECTION 7 - HANDLING AND STORAGE

Precautions for Safe Handling: Wear gloves and eye protection when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

Conditions for Safe Storage: Keep product in tightly closed container when not in use. Do not drop, roll, or skid drum. Store in a cool, dry, well-ventilated area away from heat or open flame.

Incompatible Materials: None known

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation and engineering measures: Forced air, local exhaust, or open air is adequate.

Respiratory Protection: No additional respiratory protection needed.

Skin Protection: Wear chemical resistant gloves and chemical resistant garments when handling, wash garments before re-use.

Eye/Face Protection: Wear safety glasses, goggles and/or face shield to prevent eye contact.

Other Protective Equipment: Eye wash facility and emergency shower should be in close proximity.

General Hygiene Conditions: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industry hygiene and safety practice.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green clear liquid.

Odor: Odorless

pH: >10

Melting/Freezing point: No information available.

Initial boiling point and boiling range: No information available.

Flammability (solid, gas): Non flammable.

Relative density: 1.07 g/mL

Solubility in Water: Complete

Decomposition temperature: No information available.

Viscosity: 10-25 cSt at 20°C / 68°F

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Non reactive

Chemical Stability: Stable under normal conditions

Possibility of Hazardous Reactions: May react with incompatible materials

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: NO

KW SOLUTIONS 2524 ACME CT TURLOCK, CA 95380

SAFETY DATA SHEET

Routes of entry - skin & eye: YES

Routes of entry - ingestion: YES

Routes of entry - skin absorption: NO

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Inhalation: Not a respiratory irritant.

Ingestion: May cause irritation to digestive system

Skin: May cause skin irritation including redness, edema, swelling, rash, scaling or blistering, drying and/or cracking of skin.

Eye: May cause redness, stinging, tearing, swelling, itching and/or irritation of the eye. Possible eye damage if left untreated.

Potential Chronic Health Effects:

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA, or NTP.

Mutagenicity: Not known to have mutagenic effects in humans or animals.

Reproductive effects: No known reproductive effects in humans or animals.

Sensitization to material: Not a known sensitizer in humans or animals.

Specific target organ effects: No known specific target organ effects.

Medical conditions aggravated by overexposure: No information available

Toxicological data: The calculated ATE values for this mixture are:

ATE oral = >5000 mg/kg

ATE dermal = >5000 mg/kg

ATE inhalation = >20 mg/L

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be toxic to the environment.

Persistence and degradability: Not expected to persist. Readily biodegradable.

Bioaccumulation potential: Not expected to bioaccumulate.

Mobility in soil: No information available

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Do not contaminate water, food, or feed by storage and/or disposal. When handling refer to protective measures listed in sections 7 and 8. Empty residue from containers, rinse container well.

Method of disposal: Dispose of in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: Not a listed RCRA hazardous waste.

SECTION 14 - TRANSPORTATION 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.

Please note the GHS and DOT Standards are NOT identical and therefore can have varying classifications

US 49 CFR/DOT/IATA/IMDG Information:

UN No.: 1760

UN Proper Shipping Name: Corrosive Liquid, n.o.s. (Sodium Metasilicate)

Transportation hazard class(es): 8

Packing Group: III

Environmental hazards: Not a Marine Pollutant

SECTION 15 - REGULATORY INFORMATION

US Federal Information:

TSCA information: No information available.

US CERCLA Reportable quantity (RQ): Potassium hydroxide has a RQ of 1000 pounds of pure chemical.

KW SOLUTIONS 2524 ACME CT TURLOCK, CA 95380

SAFETY DATA SHEET

SARA Title III: No chemicals in this product are subject to SARA Title III reporting.

US State Right to Know Laws:

International Information:

SECTION 16 - OTHER INFORMATION

Legend:

SARA: The Superfund Amendments and Reauthorization Act

RCRA: Resource Conservation and Recovery Act

TSCA: Toxic Substances Control Act

CFR: Code of Federal Regulations

DOT: Department of Transportation

ATE: Acute Toxicity Estimate

Preparation Date: 9/1/2016