

SAFETY DATA SHEET

SDS PREP DATE: 8/27/2015

SDS REVISION DATE: 3/4/2015

Qual-Chem
Corp. 2220
Otay Lakes Rd
Ste 502 Chula
Vista, CA 91915
(866)962-6168

Product ID:Q-300

24-Hour Emergency Telephone: (800) 255-3924

This Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in your SDS.

Section 1: Company and Product Identification

Qual-Chem Corp.
2220 Otay Lakes
Rd Chula Vista, CA
91915
(866)962-6168

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Product ID:Q-300

Product Name: Power

Intended Use: CLEANER/DEGREASER

Section 2: Hazard(s) Identification

Product Signal Word: **DANGER**

Physical Hazard Classification: Corrosive to Metals

WARNING

Physical Hazard Precautionary Statements:

May be corrosive to metals.

Keep only in original container.

Absorb spillage to prevent material damage.

Store in corrosive resistant container with a resistant inner liner.

Health Hazard Classification(s):

Acute Toxicity - Oral - Level 4

Warning

Acute Toxicity - Dermal - Level 5

Warning

Skin Corrosion/Irritation -Level 2

Warning

Eye Damage/Irritation -Level 1

Danger

Carcinogenicity - Level 2

Warning

Toxic to Reproduction - Level 2

Warning

Health Hazard Statements:

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Section 3: Product Composition

	CAS#	% Range		PEL	TLV
INERT MATERIAL	7732-18-5			NOT ESTABLISHED	NOT ESTABLISHED
2-BUTOXYETHANOL	111-76-2	1%	5%	25 PPM	25 PPM
PHOSPHONIC ACID	13598-36-2/2809-21-4	0%	1%	NOT ESTABLISHED	NOT ESTABLISHED
POTASSIUM HYDROXIDE, LIQUID	1310-58-3	3%	5%	NOT ESTABLISHED	NOT ESTABLISHED
SULFONATED SODIUM SALTS	147732-60-3	1%	3%	NOT ESTABLISHED	NOT ESTABLISHED
COCAMIDE *	68603-42-9	.1%	1%	NOT ESTABLISHED	NOT ESTABLISHED

Specific chemical identity and exact percentages are withheld as Trade Secret.

Section 4: First-Aid Measures

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Wash hands and exposed areas thoroughly after handling.

Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

Use personal protective equipment as required.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

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

If exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTER/doctor/physician.

Call a POISON CENTER/doctor/physician if you feel unwell.

See section 12 if specific treatment is applicable.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing.

Store locked up.

Dispose of contents/container in accordance with local regulations.

PERMISSIBLE EXPOSURE LEVEL: See Section III Components

EFFECTS OF ACUTE OVEREXPOSURE:

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EYES: Causes severe damage and even blindness very rapidly.

SKIN: Causes burns, possible ulceration.

BREATHING: Mist or dust can cause damage to nasal and respiratory passages.

SWALLOWING: Results in severe damage to mucous membranes and deep tissues, can result in death on penetration to vital areas.

FIRST AID:

IF ON SKIN: Immediately flush exposed area with water for at least 15 minutes, get medical attention. Remove contaminated clothing. Launder contaminated clothing before re-use.

IF ON EYES: Immediately flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. Get immediate medical attention. If physician is not immediately available, continue flushing with water.

IF SWALLOWED: DO NOT INDUCE VOMITING. Vomiting will cause further damage to throat. Dilute by giving water. Give milk of magnesia. Keep warm, quiet. get medical attention immediately.

IF BREATHED: If affected, remove individual to fresh air. If breathing difficult, administer oxygen. If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention.

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin contact.

Section 5: Fire-Fighting Measures

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FLASH POINT: Not applicable

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EXPLOSIVE LIMIT: Not applicable

EXTINGUISHING MEDIA: Water, carbon dioxide or dry chemical

HAZARDOUS DECOMPOSITION PRODUCTS: May form toxic material: hydrogen chloride, acid vapors, etc.

FIREFIGHTING PROCEDURES: Wear self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode and full body protection when fighting fires.

SPECIAL FIRE & EXPLOSION HAZARDS: Acids reacts with most metals to release hydrogen gas which can form explosive mixtures with air.

Section 6: Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILL: Cover the contaminate surface with sodium bicarbonate or a soda ash/slaked lime mixture (50-50). Mix and add water if necessary to form a slurry. Scoop up slurry and wash site with soda ash solution.

LARGE SPILLS: Persons not wearing protective equipment should be excluded from area of spill until clean-up is completed. Stop spill at source. Dike to prevent spreading.

WASTE DISPOSAL METHOD:

SMALL SPILL: Flush down drain with large amounts of water in accordance with applicable regulations.

LARGE SPILLS: Collect and add slowly to large volume of agitated solution of soda ash and slaked lime. Add neutralized solution to excess running water in accordance with applicable regulations.

Section 7: Handling and Storage

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See section 12 if specific treatment is applicable.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing.

RESPIRATORY PROTECTION: If workplace exposure limit(s) of product or any component is exceeded (see section II), a NIOSH/MSHA approved supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions. Engineering or administrative controls should be implemented to reduce exposure.

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VENTILATION: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(S).

PROTECTIVE GLOVES: Wear resistant gloves such as: Natural rubber, neoprene.

EYE PROTECTION: Chemical splash goggles and face shield (8" min) in compliance with osha regulations are advised; however OSHA regulations also permit other type safety glasses.

OTHER PROTECTIVE EQUIPMENT: To prevent skin contact, wear impervious clothing and boots.

Section 8: Exposure Control / Personal Protection

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Wash hands and exposed areas thoroughly after handling.

Do no eat, drink or smoke when using this product.

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Use personal protective equipment as required.

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OTHER PROTECTIVE EQUIPMENT: To prevent skin contact, wear impervious clothing and boots.

Section 9: Product Properties

Flash Point (CCP): N/D

Boiling Point for Product: N/D

Vapor Pressure for Product: N/D

Vapor Density for Product: N/D

Specific Gravity: 1.0

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V.O.C.: 80 g/L

Water Solubility: 100%

Appearance: SOAPY LIQUID

PH: 13-14

Section 10: Stability and Reactivity

HAZARDOUS POLYMERIZATION: Cannot occur.

STABILITY: Stable

INCOMPATIBILITY: Avoid contact with: Strong alkalis, alkali metals.

Section 11: Toxicological Information

ETHANOL, 2-BUTOXY 111-76-2

Acute oral toxicity : LD 50 Guinea pig: 1,200 mg/kg

Acute inhalation toxicity : LC 50 Guinea pig: > 633 ppm, 1 h

Acute dermal toxicity : LD 50 Guinea pig: > 2,000 mg/kg

POTASSIUM HYDROXIDE, LIQUID 1310-58-3

Acute oral toxicity: LD 50 Rat: 214 mg/kg

When in solution, this material will affect all tissues with which it comes in contact. The severity of the tissue damage is a function of its concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur. This material is a strong irritant and is corrosive to the skin, eyes, and mucous membranes. This material may cause severe burns and permanent damage to any tissue with which it comes into contact.

Section 12: Ecological Information

POTASSIUM HYDROXIDE, LIQUID 1310-58-3

ECOTOXICITY DATA:

Aquatic Toxicity:

This material is alkaline and may raise the pH of surface waters with low buffering capacity.

This material has exhibited moderate toxicity to aquatic organisms.

Freshwater Fish Toxicity:

LC50 (Mosquito fish): 80 mg/L/96 hr (static bioassay in fresh water at 18-19 C)

LC50 (Fathead Minnow): 179 mg/L/96 hr (static at 22.3-24.7 C)

Invertebrate Toxicity:

EC50 (Daphnia magna): 60 mg/L/48 hr (static bioassay at 20.3-20.7 C)

Algae Toxicity:

ErC50 (Selenastrum capricornutum): 61 mg/L/96 hr (static bioassay at 23-23.9 C)

FATE AND TRANSPORT:

BIODEGRADATION: This material will disassociate into ionic form in the aquatic environment. Natural carbon dioxide will slowly neutralize this material.

BIOCONCENTRATION: This material will not bioconcentrate.

ADDITIONAL ECOLOGICAL INFORMATION: This material has exhibited slight toxicity to terrestrial organisms.

ECOLOGICAL HAZARDS: This material has exhibited moderate toxicity to aquatic organisms.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III

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with an "*". Additional ecological information is Not Determined.

Section 13: Disposal Information

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Wear protective gloves/protective clothing/eye protection/face protection.

Use personal protective equipment as required.

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

IF ON SKIN: Wash with plenty of water.

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

If exposed or concerned: Get medical advice/attention.

Immediately call a POISON CENTER/doctor/physician.

Call a POISON CENTER/doctor/physician if you feel unwell.

See section 12 if specific treatment is applicable.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

Section 14: Transportation Information

DOT Proper Shipping Name: Corrosive Liquid, N.O.S.

(Potassium Hydroxide and Sodium Gluconate)

8, UN1760, II

Section 15: Regulatory Information

	CAS#	PEL	TLV
INERT MATERIAL	7732-18-5	NOT ESTABLISHED	NOT ESTABLISHED
2-BUTOXYETHANOL	111-76-2	25 PPM	25 PPM
PHOSPHONIC ACID	13598-36-2/2809-21-4	NOT ESTABLISHED	NOT ESTABLISHED
POTASSIUM HYDROXIDE, LIQUID	1310-58-3	NOT ESTABLISHED	NOT ESTABLISHED
SULFONATED SODIUM SALTS	147732-60-3	NOT ESTABLISHED	NOT ESTABLISHED
COCAMIDE *	68603-42-9	NOT ESTABLISHED	NOT ESTABLISHED

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State of California SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.

WARNING: IN ACCORDANCE WITH PROP 65, THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*"

Section 16: Other Information

Consumer Product Safety Act Certificaton.

This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.