

SAFETY DATA SHEET

SDS PREP DATE: 3/3/2016

SDS REVISION DATE: 5/18/2015

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

Product ID:Q-165

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 Ste 502 Chula
Vista, CA 91915
(866)962-6168

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

Product ID:Q-165

Product Name: Con Clean Qts

Intended Use: Rust Remover

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 3

Danger

Acute Toxicity - Inhalation - Level 5

Warning

Skin Corrosion/Irritation -Level 2

Warning

Eye Damage/Irritation -Level 2A

Warning

Specific Target Organ Toxicity (Repeated Exposure) -

Warning



Health Hazard Statements:

Toxic if swallowed.

Causes skin irritation.

Causes serious eye irritation.



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May be harmful if inhaled.

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May cause damage to organs through prolonged or repeated exposure.



First-Aid Statement(s):

Do not breathe dust/fume/gas/mist/vapours/spray.

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.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

Get medical advice/attention if you feel unwell.

See section 12 if specific treatment is applicable.

Rinse mouth.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing.

Store locked up.

Dispose of contents/container in accordance with local regulations.

Handling and Storage Statement(s):

Do not breathe dust/fume/gas/mist/vapours/spray.

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.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

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If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing.

Store locked up.

Exposure Control / Personal Protection Statement(s):

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Get medical advice/attention if you feel unwell.

See section 12 if specific treatment is applicable.

Rinse mouth.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing.

Store locked up.

Dispose of contents/container in accordance with local regulations.

Disposal Statement(s):

Do not breathe dust/fume/gas/mist/vapours/spray.

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.

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Rinse mouth.

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Take off contaminated clothing.

Store locked up.

Section 3: Product Composition

	CAS#	% Range		PEL	TLV
2-BUTOXYETHANOL	111-76-2	1%	5%	25 PPM	25 PPM
PHOSPHORIC ACID *	7664-38-2	20%	50%	1 MG/M3	1 MG/M3
INERT MATERIAL	7732-18-5	40%	75%	NOT ESTABLISHED	NOT ESTABLISHED
NONIONIC SURFACTANT	68439-51-0	1%	5%	ND	ND

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

Section 4: First-Aid Measures

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands and exposed areas thoroughly after handling.

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Rinse mouth.

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Store locked up.

Dispose of contents/container in accordance with local regulations.

PERMISSIBLE EXPOSURE LEVEL: See Section III Components

EFFECTS OF ACUTE OVEREXPOSURE:

EYES: Causes severe damage and even blindness very rapidly.

SKIN: Causes burns, possible ulceration.

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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

Do not breathe dust/fume/gas/mist/vapours/spray.

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.

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

Get medical advice/attention if you feel unwell.

See section 12 if specific treatment is applicable.

Rinse mouth.

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If eye irritation persists: Get medical advice/attention.

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FLASH POINT: Not applicable

EXPLOSIVE LIMIT: Not applicable

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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

Do not breathe dust/fume/gas/mist/vapours/spray.

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See section 12 if specific treatment is applicable.

Rinse mouth.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing.

Store locked up.

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.

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.

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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

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands and exposed areas thoroughly after handling.

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

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

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

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

Section 9: Product Properties

Flash Point (CCP): NOT APPLICABLE

Boiling Point for Product: 212°F

Vapor Pressure for Product: 5.86 mmHG

Vapor Density for Product: N/D

Specific Gravity: 1.127

V.O.C.: N/A

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Water Solubility: COMPLETE

Appearance: CLEAR LIQUID, UNIDENTIFIED ODOR

PH: 0.0 - 2

Section 10: Stability and Reactivity

HAZARDOUS POLYMERIZATION: Cannot occur.

STABILITY: Stable

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

Section 11: Toxicological Information

2-BUTOXYETHANOL 111-76-2

Acute oral toxicity : LD50 Guinea pig: 1,200 mg/kg

Acute inhalation toxicity : LC50 Guinea pig: > 633 ppm, 1 h

Acute dermal toxicity : LD50 Guinea pig: > 2,000 mg/kg

PHOSPHORIC ACID * 7664-38-2

Routes of Entry: Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

Toxicity to Animals: Acute oral toxicity (LD50): 1530 mg/kg [Rat]. Acute dermal toxicity (LD50): 2740 mg/kg [Rabbit].

Chronic Effects on Humans: May cause damage to the following organs: blood, liver, skin, eyes, bone marrow.

Other Toxic Effects on Humans: Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (irritant), of ingestion. Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive).

NONIONIC SURFACTANT 68439-51-0

Toxicity to Animals

Ingredient Name or Product name	Test	Result	Route	Species
Alcohol ethoxylate component 2	LD50	1378 mg/kg	Oral LD50	Rat 5000 mg/kg Dermal Rabbit

Acute Effects Skin Moderately irritating to the skin.

Acute Effects Eyes Moderately irritating to the eyes.

Section 12: Ecological Information

2-BUTOXYETHANOL 111-76-2

Aquatic Toxicity LC50 Fish: 1490 mg/L

Aquatic Toxicity EC50 Crustacea: 550-1000 mg/L

PHOSPHORIC ACID * 7664-38-2

Ecotoxicity (aquatic and terrestrial): LD50 12 hours@ pH of 3 – 3.5

LD50 (12 hours): pH 4.6 (Daphnia Magna)

NONIONIC SURFACTANT 68439-51-0

Acute Toxicity LC50 (minnow) 3.8 - 6.2 mg/L

LC50 (Daphnia) 9.3 - 21.4 mg/L

Ingredient Name or Product name	Species	Period	Result
Ethoxylated alcohol.1	based on data for: (similar)	96 hour(s)	5 to 10 mg/l

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	material) (LC50)		
	based on data for: (similar	48 hour(s)	>10 mg/l
	material) (EC50)		
	based on data for: (similar	72 hour(s)	>10 mg/l
	material) (EC50)		
Ethoxylated alcohol.2	Oncorhynchus mykiss based on	96 hour(s)	2.4 mg/l
	data for: (similar material)		
	(LC50)		
	based on data for: (similar	72 hour(s)	4.5 mg/l
	material) (EC50)		
	Nitrifying bacteria (based on	4 hour(s)	410 mg/l
	data for similar material) (EC50)		

Biodegradability and Ecotoxicity Remarks Ethoxylated alcohol. 1: >60% BOD, 28 days, Closed Bottle Test (OECD 301D) Ethoxylated alcohol. 2: >60% BOD, 28 days, Modified Sturm Test (OECD 301B)

Products of Degradation These products are carbon oxides (CO, CO2) and water.

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

Section 13: Disposal Information

Do not breathe dust/fume/gas/mist/vapours/spray.

Wash hands and exposed areas thoroughly after handling.

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

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

IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

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

Get medical advice/attention if you feel unwell.

See section 12 if specific treatment is applicable.

Rinse mouth.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing.

Store locked up.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which

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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: UN1760

Corrosive Liquid N.O.S.

(Phosphoric Acid and Glycol Ether EB) 8, PG III

Section 15: Regulatory Information

	CAS#	PEL	TLV
2-BUTOXYETHANOL	111-76-2	25 PPM	25 PPM
PHOSPHORIC ACID *	7664-38-2	1 MG/M3	1 MG/M3
INERT MATERIAL	7732-18-5	NOT ESTABLISHED	NOT ESTABLISHED
NONIONIC SURFACTANT	68439-51-0	ND	ND

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 Certification.

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.