

Qual Chem Corp.

SAFETY DATA SHEET

SDS PREP DATE: 1/25/2017

SDS REVISION DATE: 1/25/2017

Product ID: Q374

2220 Otay Lakes Rd
Ste 502 Chula Vista,
CA 91915
866-932-6168

24-Hour Emergency Telephone: (800) 222 1222

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.
PMB #622, 2220 Otay
Lakes Road, Chula
Vista CA 91915
(866) 932-6168

24-Hour Emergency Telephone: (800) 222-1222

Product ID: Q374

Product Name: Oven & Grill Cleaner, 12 x 16 oz

Intended Use: OVEN AND GRILL CLEANER

Section 2: Hazard(s) Identification

Product Signal Word: **WARNING**

Physical Hazard Classification: Aerosols, Category 3

Contains gas under pressure; may explode if heated.

Physical Hazard Precautionary Statements:



Health Hazard Classification(s):

- Acute Toxicity - Oral - Level 5
- Acute Toxicity - Dermal - Level 5
- Acute Toxicity - Inhalation - Level 5
- Skin Corrosion/Irritation -Level 2
- Eye Damage/Irritation -Level 2A



Health Hazard Statements:

- May be harmful if swallowed.
- May be harmful in contact with skin.
- Causes skin irritation.
- Causes serious eye irritation.
- May be harmful if inhaled.

First-Aid Statement(s):

IF ON SKIN: Wash with plenty of water.

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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.

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.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing.

Handling and Storage Statement(s):

Exposure Control / Personal Protection Statement(s):

Wash hands and exposed areas thoroughly after handling.

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

Disposal Statement(s):

Section 3: Product Composition

	CAS#	% Range		PEL	TLV
NITROGEN	7727-37-9	3%	5%	N/D	N/D
DIPROPYLENE GLYCOL METHYL	34590-94-8	1%	3%	100 PPM SKIN	100 PPM SKIN
2-BUTOXYETHANOL	111-76-2	1%	3%	25 PPM	25 PPM
POTASSIUM HYDROXIDE, LIQUID	1310-58-3	5%	10%	NOT ESTABLISHED	NOT ESTABLISHED
INERT MATERIAL	7732-18-5	50%	65%	NOT ESTABLISHED	NOT ESTABLISHED
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	1%	3%	NOT DETERMINED	NOT DETERMINED

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

Section 4: First-Aid Measures

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.

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.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing.

GENERAL: This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.

EYE CONTACT: Slightly irritating but does not injure eye tissue.

SKIN CONTACT: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

INHALATION: High vapor/aerosol concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause

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headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

INGESTION: Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly minimal toxicity.

FIRST AID
EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
SKIN CONTACT: Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and launder before reuse.
INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention
INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

PRECAUTIONS
SPECIAL PRECAUTIONS: Health studies have shown that many hydrocarbons pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves. Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.
VENTILATION: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

Section 5: Fire-Fighting Measures

FIRE AND EXPLOSION HAZARDS: This product releases Flammable Vapors at well below ambient temperatures and readily forms flammable mixtures with air exposed to an ignition source. It will burn in the open or be explosive in confined spaces. Its vapors are heavier than air and may travel long distances to a point of ignition, and then flash back. Alkaline/chlorine gas mixtures have produced explosions.

EXTINGUISHING MEDIA: Dry Chemical. CO2. Halogenated Extinguishing Agent. Stop Gas Flow.

SPECIAL FIREFIGHTING PROCEDURES: Gas fires should not be extinguished unless the gas flow can be stopped immediately. Allow the fire to burn itself out. If the source cannot be shut off immediately, all equipment and surfaces exposed to the fire should be cooled with water to prevent over-heating flash-backs, or explosions. Control fire until gas supply can be shut off. Use proper protective equipment. Use fresh air respirator when exposure to hazardous concentrations of toxic gases is possible.

FIRE FIGHTING: Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boiling over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Section 6: Accidental Release Measures

STEPS TO BE TAKEN IN CASE CONTAINER IS PUNCTURED AND MATERIAL IS RELEASED:
Clean up area by mopping or with absorbent materials and place in closed container for disposal. Consult Federal, State, and local disposal authorities.

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 7: Handling and Storage

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

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EYES: Face shield and goggles or chemical goggles should be worn.

GLOVES: Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT: Standard work clothing. Standard work shoes; discard if shoes can not be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

Section 8: Exposure Control / Personal Protection

Wash hands and exposed areas thoroughly after handling.

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

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

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RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

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: N/D

V.O.C.: <8% BY WEIGHT

Water Solubility: NEAR COMPLETE

Appearance: CLEAR AEROSOL SPRAY

PH: N/D

Section 10: Stability and Reactivity

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STABILITY: Stable

CONDITIONS TO AVOID: Temperatures above 130 degree F.

HAZARDOUS POLYMERIZATION: Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: None

Section 11: Toxicological Information

DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8

Acute oral toxicity: LD 50 rat: 5200mg/kg

Acute dermal toxicity: LC 75 rabbit: 5900mg/kg

EFFECTS ACUTE EXPOSSURE

SKIN CONTACT: little to no effect

SKIN ABSORPTION: yes, no toxic effects unlikely by this route

EYE CONTACT: slightly irritating, will not damage eyes

INHALATION: vapor concentrations above 100ppm may irritate respiratory tract; low vapor pressure makes development of such a concentration unlikely in an industrial setting

INGESTION: may cause stomach discomfort; may cause diarrhoea; a massive dose (say, 100ml) would be required to produce any symptoms in a human of average weight

EFFECTS OF CHRONIC EXPOSURE

GENERAL: prolonged deliberate exposure may cause skin cracking and dermatitis

SENSITISING: not a sensitizer

REPRODUCTIVE EFFECT: no known effect on humans or animals

SYNERGISTIC WITH: not known

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

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

DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8

This product cannot accumulate in living tissue; this product is readily and rapidly biodegradeable in the presence of oxygen

2-BUTOXYETHANOL 111-76-2

Aquatic Toxicity LC50 Fish: 1490 mg/L

Aquatic Toxicity EC50 Crustacea: 550-1000 mg/L

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)

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

Section 13: Disposal Information

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: UN1950

Aerosols, non-flammable, (each not exceeding 1L capacity) 2.2

Section 15: Regulatory Information

	CAS#	PEL	TLV
NITROGEN	7727-37-9	N/D	N/D
DIPROPYLENE GLYCOL METHYL	34590-94-8	100 PPM SKIN	100 PPM SKIN
2-BUTOXYETHANOL	111-76-2	25 PPM	25 PPM
POTASSIUM HYDROXIDE, LIQUID	1310-58-3	NOT ESTABLISHED	NOT ESTABLISHED
INERT MATERIAL	7732-18-5	NOT ESTABLISHED	NOT ESTABLISHED
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	NOT DETERMINED	NOT DETERMINED

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.

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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.