



# Material Safety Data Sheet

Date Originated: 7/28/2004

Page: 1

NFPA	HCS Risk Phrases	Protective Clothing
	HCS CLASS: Corrosive liquid. HCS CLASS: Combustible liquid having a flash point between 37.8°C (100°F) and 93.3°C (200°F).	

## Section 1. Chemical Product and Company Identification

Product Name

**PurQuik**

Synonym

W47.0

Manufacturer

WASSER CORPORATION  
1004, West James St., Suite 100  
Kent, WA  
USA 98032  
Tel: 1-800-627-2968

Chemical Family

Not available.

### In case of Emergency

EMERGENCY PHONE NUMBERS:  
USA and Canada: 1-800 424-9300  
International: 1-703 527-3887

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
Aldimine	54914-37-3	60-100	Not available	Not available

# Material Safety Data Sheet

Product Name: PurQuik

Page: 2

## Section 3. Hazards Identification

**Routes of Entry:** Eye contact. Ingestion.

### Potential Acute Health Effects

**Eyes:** This product can cause chemical burns.

**Skin:** Corrosive to skin on contact. Skin contact may produce burns.

**Ingestion:** May be fatal if swallowed. May cause burns to mouth, throat and stomach.

**Inhalation:** Inhalation of the spray mist may produce severe irritation / burns of respiratory tract.

### Potential Chronic Health Effects

**Eyes:** Not available

**Skin:** Not available.

**Ingestion:** Not available.

**Inhalation:** Not available

**Other chronic effects on Humans** No additional remark.

## Section 4. First Aid Measures

**Eye Contact** Check for and remove any contact lenses. DO NOT use an eye ointment. Seek medical attention.

**Skin Contact** Rinse with plenty of running water (15-30 minutes). Dermal contact with this corrosive liquid causes severe skin irritation. Do not apply greases or ointments. SEEK MEDICAL ATTENTION.

**Hazardous Skin Contact** If the chemical gets onto the clothed portion of the body, remove the contaminated clothes as quickly as possible, protecting your own hands and body. Place the person under shower. If the chemical touches the person's exposed skin, such as the hands, gently and thoroughly wash the contaminated skin with running water. Be particularly careful to clean folds, crevices, creases and groin. Dermal contact with this corrosive liquid causes severe skin irritation. Do not apply greases or ointments. Control shock, if present. SEEK IMMEDIATE MEDICAL ATTENTION.

**Inhalation** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

**Hazardous Inhalation** Evacuate the person to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the person is not breathing, perform mouth-to-mouth resuscitation. WARNING: It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled material is toxic, infectious or corrosive. Seek immediate medical attention.

**Ingestion** DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Seek immediate medical attention.

**Hazardous Ingestion** DO NOT induce vomiting. Have conscious person drink several glasses of water or milk. Loosen tight clothing such as a collar, tie, belt or waistband. Never give an unconscious person anything to ingest. If the person is not breathing, administer mouth-to-mouth resuscitation. WARNING: It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation when the material is toxic, infectious or corrosive. Avoid mouth-to-mouth contact by using mouth guards or shields. Seek immediate medical attention.

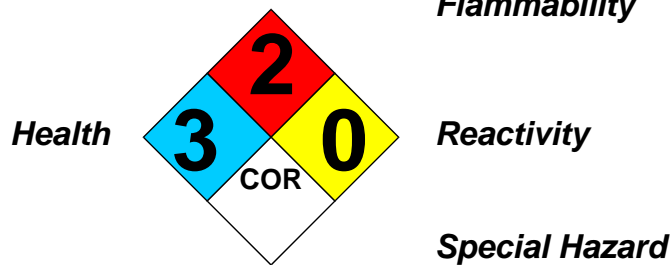
# Material Safety Data Sheet

Product Name: PurQuik

Page: 3

## Section 5. Fire and Explosion Data

<b>Flammability of the Product</b>	Combustible.
<b>Auto-Ignition Temperature</b>	The lowest known value is 240°C (464°F)
<b>Flash Points</b>	The lowest known value is CLOSED CUP: 77°C (170.6°F) (DIN 51758)
<b>Flammable Limits</b>	Not available.
<b>Products of Combustion</b>	Carbon oxides (CO, CO <sub>2</sub> ), nitrogen oxides (NO, NO <sub>2</sub> ...) and other identified, possible toxic compounds.
<b>Fire Hazards in Presence of Various Substances</b>	Combustible in presence of open flames and sparks.
<b>Explosion Hazards in Presence of Various Substances</b>	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
<b>Fire Fighting Media and Instructions</b>	Combustible liquid. SMALL FIRE: Use DRY chemicals, CO <sub>2</sub> , alcohol foam or water spray. LARGE FIRE: Use alcohol foam, water spray or fog. Never direct a water jet in the container in order to prevent any splashing of the product which could cause spreading of the fire. Cool containing vessels with water spray or fog in order to prevent pressure build-up, autoignition or explosion.
<b>Special Remarks on Fire Hazards</b>	Container explosion may occur under fire conditions or when heated.
<b>Special Remarks on Explosion Hazards</b>	No additional remarks.



## Section 6. Accidental Release Measures

<b>Small Spill</b>	Absorb with an inert material and place in an appropriate waste disposal container. Warn personnel to move away. Wear suitable protective clothing and proper respirator.
<b>Large Spill</b>	Combustible liquid. Corrosive liquid. Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. DO NOT get water inside container. DO NOT touch spilled material. Try to work in the in the same direction as the wind is blowing relative to the spilt product. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all sources of ignition. Call for assistance on disposal.

# Material Safety Data Sheet

Product Name: PurQuik

Page: 4

## Section 7. Handling and Storage

**Precautions** Keep locked up. Keep container dry. Keep away from heat. Do not breathe gas, fumes, vapor or spray. Never add water to this product. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

**Storage** May corrode metallic surfaces. Keep away from heat. Keep away from sources of ignition. Keep container tightly closed. Keep in a cool, well-ventilated place.

## Section 8. Exposure Controls/Personal Protection

**Engineering Controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value. Ensure that eyewash station and safety shower is proximal to the workstation location.

**Personal Protection** Face shield. Full suit. Gloves. Boots. Wear appropriate respirator when ventilation is inadequate. Be sure to use a MSHA/NIOSH approved respirator or equivalent.

**Personal Protection in Case of a Large Spill** Splash goggles. Full suit. Vapor respirator. Boots. Gloves.

## Section 9. Physical and Chemical Properties

<b>Physical state and appearance</b>	Liquid.	<b>Odor</b>	Ammoniacal.
<b>Molecular Weight</b>	Not applicable.	<b>Taste</b>	Not available.
<b>pH (1% soln/water)</b>	Not available.	<b>Color</b>	Light straw.
<b>Boiling Point</b>	Not available.	<b>Odor Threshold</b>	Not available.
<b>Melting Point</b>	Not available.	<b>Evaporation rate</b>	Not available.
<b>Critical Temperature</b>	Not available.	<b>Viscosity</b>	Not available.
<b>Specific Gravity</b>	0.86 - 0.89 (Water = 1)	<b>Water/Oil Dist. Coeff.</b>	Not available.
<b>Vapor Pressure</b>	Not available.	<b>Ionicity (in Water)</b>	Not available.
<b>Vapor Density</b>	Not available.	<b>Dispersion Properties</b>	Partially dispersed in water.
<b>Volatility</b>	0%	<b>Solubility</b>	Partially soluble in water.

## Section 10. Stability and Reactivity Data

**Stability** The product is stable.

**Instability Temperature** Not available.

**Conditions of Instability** No additional remarks.

**Incompatibility with various substances** Reactive with oxidizing agents, reducing agents, acids and moisture.

**Corrosivity** Corrosive in presence of aluminum, zinc and copper.

**Special Remarks on Reactivity** No additional remarks.

**Special Remarks on Corrosivity** Corrosive to iron, steel and aluminum.

# Material Safety Data Sheet

Product Name: PurQuik

Page: 5

## Section 11. Toxicological Information

Routes of Entry	Eye contact. Ingestion.
Toxicity to Animals	See: Section II
Chronic Effects on Humans	No additional remark.
Other Toxic Effects on Humans	Very dangerous in case of skin contact (corrosive), of eye contact (corrosive).
Special Remarks on Toxicity to Animals	Causes burns (Burns within 4 hours /OECD test 404)
Special Remarks on Chronic Effects on Humans	There is no known effect from chronic exposure to this product.
Special Remarks on other Toxic Effects on Humans	No additional remarks.

## Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Not available.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remarks.

## Section 13. Disposal Considerations

Waste Disposal Recycle to process, if possible. Consult your local or regional authorities.

## Section 14. Transport Information

DOT Classification	DOT CLASS 8: Corrosive liquid P.G. III.
DOT Identification number	UN2735 Amine, liquid, corrosive, n.o.s.
Special Provisions for Transport	No additional remarks.

DOT (Pictograms)



# Material Safety Data Sheet

Product Name: PurQuik

Page: 6

## Section 15. Other Regulatory Information and Pictograms

**Other Regulations** OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200). TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA Inventory.

**Other Classifications** WHMIS (Canada)

DSCL (EEC)

**Hazardous Material Information System (U.S.A.)**

Health Hazard	3
Fire Hazard	2
Reactivity	0
Personal Protection	

**National Fire Protection Association (U.S.A.)**

Health



Fire Hazard

Reactivity

Specific hazard

**WHMIS (Canada) (Pictograms)**

**DSCL (Europe) (Pictograms)**

**TDG (Canada) (Pictograms)**

**ADR (Europe) (Pictograms)**

**Protective Clothing (Pictograms)**



## Section 16. Other Information

**References** Manufacturer's MSDS, RTECS, NIOSH, CCOHS. J. Lewis, Sr. (1991) HAZARDOUS CHEMICALS DESK REFERENCE. 2nd ED. Van Nostrand Reinhold.

**Other Special Considerations** Individuals with respiratory problems (asthma, chronic bronchitis) should avoid any contact with this product.

Validated by Heidi Brown on 7/5/2004.

Verified by Heidi Brown.

Printed 7/28/2004.

**EMERGENCY PHONE NUMBERS:**

USA and Canada: 1-800 424-9300

International: 1-703 527-3887

### Notice to Reader

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*