

SAFETY DATA SHEET

AQC Industrial Parts Wash

Bioforce Services

Revision Date: 12/1/2015

Version 1

1/6

Section 1. Identification

Product Name: AQC Parts Wash

Product Use Description: Surfactant alkaline cleaner for manual parts washers.

Company: Bioforce Services, 7331 Baker Street Fridley, Minnesota 55432 USA
Telephone/Fax: Phone: 763-780-3939 Fax: 763-780-7344
Emergency telephone: Chemtrec: 800-424-9300

Section 2. Hazards Identification

Emergency Overview

Appearance: Clear Liquid
Color: Amber
Odor: Characteristic cleaner

GHS Classification

Causes eye irritation, Category 2B



GHS Label Element: Hazard Pictograms

Signal word: Warning

Hazard statement:

H320 Causes eye irritation
H315 Causes skin irritation
H335 May cause respiratory irritation.

Precautionary statements (prevention):

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash thoroughly after handling.

Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P391 Collect spillage.

Disposal:

P501 Dispose of contents/container in accordance with local regulation.

Potential health effects:

Inhalation: Inhalation of aerosols may cause irritation to mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.

Skin: Not expected to be irritating.

Eyes: Causes serious eye damage.

Ingestion: May cause irritation of the mucous membranes.

Aggravated medical Conditions: None known.

Symptoms of Overexposure: No information available.

Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No ingredients product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Section 3. Composition information on ingredients

Chemical Name	CAS	Concentration %
DI Water	7789-20-0	75%
Mixture of Ethoxylated Alcohols	NA	18-25%
N-Methyl Pyrrolidone	872-50-4	3-6%
Monoethanolamine	141-43-5	.5-3%
TEA 99%	102-71-6	1-3%
Propylene Glycol	57-55-6	1.5-3.5%
Glycol Ether DPM	34590-94-8	2-4%

Section 4. First Aid Measures

EXPOSURE

ADVICE: If immediate medical advice is required. Move exposed person to a safe location contact a physician. Show the safety data sheet to the doctor.

EYE CONTACT: Rinse with plenty of water. Remove contact lenses if present and easy to do. Continue Rinsing. If eye irritation persists get medical attention.

SKIN CONTACT: Not expected to cause skin irritation. If adverse effect occurs rinse skin with water and remove contaminated clothing and shoes.

INHALATION: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

INGESTION: May cause upset stomach. Rinse mouth repeatedly with water then drink plenty of water. Never give anything by mouth to an unconscious person.

Section 5. Fire Fighting Measures

Recommended extinguishing media:

FLASH POINT: No Flash @ 200°

EXTINGUISHING MEDIA: Water spray, dry chemical or carbon dioxide. Use measures that are appropriate to local and the surrounding environment.

SPECIAL FIRE FIGHTING PROCEDURES: Evacuate area of unprotected personnel. Wear protective clothing, eye protection and NIOSH-approved respiratory equipment.

FIRE AND EXPLOSION HAZARDS:

PROCESS HAZARD: Sudden release of hot organic chemical vapors or mists from process equipment operating at elevated temperature and pressure,

HAZARDOUS COMBUSTION PRODUCTS:

Carbon oxides. Nitrogen oxides. Amonia. Unidentifiable organic materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL CLEAN-UP PROCEDURES:

Evacuate unprotected personnel from area. Maintain adequate ventilation. Follow personal protective equipment recommendations found in section 8. Never exceed any occupational exposure limit.

Contain spill, place into drums for proper disposal. Soak up residue with inert absorbent material. Flush remaining area with water to remove trace residue and dispose of properly. Avoid direct discharge to sewers and surface waters. Notify authorities if entry occurs.

SECTION 7: HANDLING AND STORAGE

STORAGE:

Store in a cool, dry place. Keep away from incompatible materials such as oxidizers. Keep containers tightly closed. Do not store in unlabeled or mislabeled containers. Store in a well ventilated area.

HANDLING: Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Do not swallow. Avoid breathing vapors, mists, or dust. Do not eat, drink, or smoke in work area. Wash thoroughly after handling.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

General room ventilation is required.

Use at elevated temperatures, or aerosol / spray applications, may require additional control measures such as local exhaust ventilation. Maintain adequate ventilation. Do not use in closed or confined spaces. Avoid creating dust or mist. Keep levels below exposure limits. To determine exposure levels, monitoring should be performed regularly.

RESPIRATORY PROTECTION:

Respiratory protection must be worn if ventilation does not eliminate symptoms or keep levels below recommended exposure limits. If exposure limits are exceeded, wear: NIOSH-approved air purifying respirator.

Do not exceed limits established by the respirator manufacturer. All respiratory protection programs must comply with OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements and must be followed whenever workplace conditions require a respirator's use.

EYE/FACE PROTECTION:

Wear chemical safety goggles while handling this product. Wear additional eye protection such as a face shield when the possibility for eye contact with splashing or spraying liquid, or airborne material. Do not wear contact lenses.

SKIN PROTECTION:

Wear gloves and protective clothing depending on condition of use. Protective gloves: Chemical-resistant. Rubber apron. Butyl rubber.

OTHER PROTECTIVE EQUIPMENT:

Eye-wash station. Safety shower. Rubber apron. Protective clothing.

(Section 8 Continued)

GENERAL HYGIENE CONSIDERATIONS: Wash with soap and water before meal times and at the end of each work shift.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	> 200 F	VOC (lbs/gal.):	.85 lbs/gal
Specific Gravity:	1.015	Appearance/Odor:	Clear, gold in color
Evaporation Rate:	N.D.	Flash Point:	> 200° F
Vapor Density:	N.D	Auto Ignition:	Non-flammable
Relative Density:	8.44 lb/gal	Flammability:	Not applicable
Freeze Point:	32°F	Viscosity:	Like Water
Vapor Pressure:	N.D.	Ignition Temperature:	> 150° C
Solubility in Water:	Complete	Lower Eplosion limint:	No Data Available
pH of solution (neat):	10.5-11	Lower Eplosion limint:	No Data Available

SECTION 10: STABILITY AND REACTIVITY DATA

STABILITY:	Stable under normal use and storage conditions.
CONDITIONS TO AVOID:	Extremely high temperatures
THERMAL DECOMPOSITION:	Thermal decomposition generates:Carbon oxides. Sulfur oxides. Nitrogen oxides.
REACTIVITY:	Stable under normal conditions. May react to strong Acids
MATERIALS TO AVOID:	Strong acids and oxidizers
HAZARDOUS REACTIONS:	Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

IARC	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probale, possible or confirmed human carcinogen by IARC.
OSHA	No ingredients product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogenby OSHA.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Symptoms related to the physical, chemical and toxicological characteristics: no symptoms expected under normal use.

Inhalation:	Overexposure may cause headaches
Skin irritation:	Result: No skin irritation
Eye irritation:	Result: Mild eye irritation
Sensittization:	Result Does not cause sensitization

Section 12. Ecological Information

Product Information:

ECOTOXICOLOGY ASSESMENT: An environmental hazard cannot be excluded in the event of Unprofessional handling or disposal.

HAZARDOUS POLYMERIZATION: Will Not Occur Under Normal Conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon oxides. Nitrogen Oxides. Ammonia. Aldehydes. Ketones. Unidentifiable organic materials.

CONDITIONS TO AVOID:

Warning: Do not mix this product with nitrites or other nitrosating agents because a nitrosamine may be formed. Nitrosamines may cause cancer.

INCOMPATIBILITY:

Acids. Strong oxidizing agents.

ECOTOXICOLOGICAL INFORMATION:

No data available.

CHEMICAL FATE INFORMATION:

Expected to be Readily Biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS**HAZARDOUS WASTE NUMBER:**

N.A.

DISPOSAL METHOD:

Dispose of in permitted hazardous waste management facility following all local, state and federal regulations. Since emptied containers retain product residue, follow label warnings even after the container is empty. Do not pressurize, cut, weld solder, drill, grind or expose empty containers to heat, flame, sparks, or other sources of ignition. Disposal methods identified are for the product as sold. For disposal of used solution all local, state and federal regulations must be followed.

SECTION 14: TRANSPORTATION INFORMATION**DOT (Department of Transportation):**

Proper Shipping Name: Unclassified

TRANSPORTATION INFORMATION (CONT.)

Hazard Class:	Not Regulated
Identification Number:	Not Regulated
Packing Group:	Not Regulated
Label Required:	Not Regulated
Reportable Quantity(RQ):	N/A

NOTE: This material is not DOT regulated in shipments less than 10,144#

SECTION 15: REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS:****TSCA INVENTORY STATUS:**

All components of this product are on the TSCA Inventory or are exempt from TSCA inventory requirements.

SARA TITLE 111 SECTION 311/312 CATEGORY:

Immediate (Acute) Health Hazard: N
Delayed (Chronic) Health Hazard: N
Fire Hazard: N
Sudden Release of Pressure Hazard: N
Reactive Hazard: N

SARA SECTION 302/304/313HAP:

<u>Component</u>	<u>CERCLA RQ</u>	<u>SARA RQ</u>	<u>SARA TPQ</u>	<u>SARA 313</u>	<u>U.S. HAP</u>
Triethanolamine	N.A.	N.A.	N.A.	NO	NO
2-Amino-2-methyl-1-propanol	N.A.	N.A.	N.A.	NO	NO

U.S. STATE REGULATIONS

CALIFORNIA - The following components are listed under proposition 65: N-Methylpyrrolidone CAS 872-50-4
Reproductive toxicity.

WISCONSIN – The following components are listed as a Wisconsin HAP:
None

SECTION 16: ADDITIONAL INFORMATION

HMIS RATING SYSTEM:

Health: 1
Flammability: 1
Reactivity: 0

NFPA RATING SYSTEM:

Health: 1
Flammability: 1
Reactivity: 0

The information contained in this Material Safety Data Sheet relates only to the specific material identified and does not relate to other materials or processes. Bioforce Services believes that such information is current, accurate and reliable as of the date of this SDS. However, because of conditions of use outside our control, it should not be taken as a warranty or representation for which assumes legal responsibility. Bioforce Services urges persons receiving this information to rely on their own determination as to the product suitability for their own particular applications.

Bioforce Services,
Product Manager