

Material Safety Data Sheet
(According to ANSI Z400.1-2004)

Product: 24317
Date: 1/19/2001

KIWOCLEAN AQ 508 CF
Revision date: 5/18/2010

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product Code: 24317
Product Name: **KIWOCLEAN AQ 508 CF**
Company: KIWO, Inc.
1929 Marvin Circle
Seabrook, TX 77586 USA
Phone: 281-474-9777
Fax: 281-474-7325
Emergency Contact: 1-800-255-3924 (Chemtel)
MSDS prepared by: Fred Widman
Recommended use: Screen Printing Screen Cleaner

2. HAZARD IDENTIFICATION OF THE PREPARATION

EMERGENCY OVERVIEW

Eye and skin irritant.

Appearance / Odor: colorless / none

Potential Health Effects: See Section 11 for more information

Likely routes of exposure: Eye and skin contact and ingestion

Potential Health Effects: Eyes

This product causes irritation to eyes.

Potential Health Effects: Skin

Contact with skin can cause irritation.

Potential Health Effects: Ingestion

Swallowing can cause stomach irritation.

Target Organs: Skin, Eyes

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Potential Environmental Effects: See Section 12 for more information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture of the below mentioned materials and non-hazardous substances

Hazardous components:

EINECS-No	Name	Hazard	%content
CAS-No.	R-phrases		
233-937-0	Periodic Acid		
10450-60-9	8-34	C, O	1 – 5 %
232-197-6	Sodium Metaperiodate		
7790-28-5	8-22	Xn, O	1 – 5 %

Additional information:

For full text of risk phrases see Section 16.

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Personal Protection

Gloves- Impermeable recommended
Respirator- If local or general exhaust is not used and sprays or mists are used
Eye- NIOSH approved protective goggles recommended
Protective footwear- not required
Protective clothing- wear suitable protective clothing, gloves and eye / face protection
Other- none

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Color: colorless
Odor: odorless
Flash point: n.a
Ignition temperature: n.a
Density: 1.04 g/cm³
Viscosity: n.a
Explosion limits: n.a
Boiling point: ~ 212°F (100° C)
Vapour density: not known
Vapour pressure: not known
Freezing point: not applicable
pH: ~2.00
Coefficient of water/ oil distribution: dispersible in water
Volatile Organic Compound (VOC) content: <0.1%

10. STABILITY AND REACTIVITY

Stable under recommended storage and handling conditions
(see Section 7).
Store as a Corrosive liquid

Possible Harmful Reactions: Keep away from acids and oxidizers

11. TOXICOLOGICAL INFORMATION

Effects of acute exposure:

COMPONENT	CAS#	LD ₅₀	LC ₅₀
PERIODIC ACID	10450-60-9	None Found	None Found
SODIUM METAPERIODATE	7790-28-5	None Found	None Found

General information:

Effects of acute exposure- can cause burning of skin and eyes
Repeated exposure on skin may lead to significant burning.
Irritancy of product- yes
Skin sensitization- Prolonged exposure may cause dermatitis
Respiratory sensitization - only if mists are present
Eye contact – can cause permanent eye injury

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Carcinogenicity- no
IARC- no
ACGIH- no
Reproductive toxicity – none known
Teratogenicity – none known
Embryotoxicity – none known
Mutagenicity – none known
Name of synergistic products/effects- none known

12. ECOLOGICAL INFORMATION

This preparation has been classified by the conventional method (calculating procedure) of EG directive 1999/45/EG and according to its ecotoxic properties, -*001(see Sections 2 and 15 for detailed information).
Do not empty into drains or release into open water. Do not store at public waste disposal sites.

13. WASTE DISPOSAL INFORMATION

Contaminated product, soil, or water may be hazardous waste. (See 40 U.S. Code of Federal Regulations (CFR) 261 and 29 CFR 1910). Landfill solids at permitted sites. Use registered transporters.
Dilute aqueous waste may biodegrade. Avoid overloading/poisoning plant biomass. Assure effluent complies with applicable regulations
Empty container: scrap metal recycling or re-conditioning
Soiled container: (treatment like product itself)

14. TRANSPORT INFORMATION

ADR/RID/DOT: Class: not regulated
UN: n.a
Packaging group: n.a
IMDG: Class: not regulated
EMS: n.a
UN: n.a
Marine pollutant: no
Packaging group: n.a

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR and is classified as a Code E hazardous material.

All ingredients are listed on the TSCA registry.

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins under California Proposition 65 at levels which would be subject to the proposition.

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Ingredient	--Canada--			
	TSCA	EC	DSL	NDSL
Periodic Acid (10450-60-9)	Yes	Yes	Yes	No
Sodium Metaperiodate (7790-28-5)	Yes	Yes	Yes	No

Ingredient	-SARA 302-		SARA 313	-RCRA-	CERCLA -	TSCA
	RQ	TPQ	List	RQ	261.33	8(d)
Periodic Acid	No	No	No	No	No	No
Sodium Metaperiodate	No	No	No	No	No	No

16. OTHER INFORMATION

HMIS: Health 1, Flammability 0, Reactivity 0

Text of risk phrases mentioned in Section 2:

- O Oxidizer
- C Corrosive
- 8 Contact with combustible material may cause fire
- 34 Causes burns
- 22 Harmful if swallowed

For further information please refer to our technical information sheet. Data in this MSDS correspond with our current level of knowledge, but do not represent any assurance of product properties. The user personally is responsible for compliance with all legal requirements.

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