



SAFETY DATA SHEET CPS AQUAWASH 829

1. IDENTIFICATION

Product Name	CPS AQUAWASH 829
Identified uses	Industrial use: Ink cleaner for printing inks.
Uses advised against	The product should not be used for any purpose, other than that described above.
Supplier	MacDermid Autotype Inc. 1675 Winnetka Circle Rolling Meadows IL 60008 USA T: 001 847 818 8262 F: 001 847 818 8280 e: technical@cps.eu
Manufacturer	CPS - Chemical Products and Services, Grove Road, Wantage, Oxfordshire, OX12 7BZ UNITED KINGDOM T: +44 (0) 1235 773240 F: +44 (0) 1235 771196 e: technical@cps.eu
Emergency Telephone	800-424-9300 (Chemtrec, 24 hours)

2. HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW

This Product is Not Hazardous under the OSHA Hazard Communication Standard. Not Classified According to WHMIS.

GHS Pictogram

No pictogram required.

GHS Classification

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

3. COMPOSITION/INFORMATION ON INGREDIENTS

2-METHOXY-1-METHYLETHYL ACETATE		1-5%
CAS No.: 108-65-6	EC No.: 203-603-9	
GHS Classification Flam. Liq. 3 - H226		

4. FIRST-AID MEASURES

Description of first aid measures

Inhalation

Move into fresh air and keep at rest.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. Do not induce vomiting. Get medical attention if any discomfort continues.

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Skin Contact

Remove contaminated clothing. Wash the skin immediately with soap and water.

Eye Contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Most important symptoms and effects, both acute and delayed

Inhalation

High concentrations of vapors may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

Ingestion

May cause stomach pain or vomiting.

Skin Contact

Prolonged skin contact may cause redness and irritation.

Eye Contact

May cause temporary eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes To The Physician

No specific first aid measures noted.

5. FIRE-FIGHTING MEASURES

Auto Ignition Temperature (°C)	272 °C (522 °F)
Flammability Limit - Lower(%)	1.0 %
Flammability Limit - Upper(%)	10.0 %
Flash point (°C)	> 100 °C (> 212 °F) Sh CC (Setaflash closed cup).

Extinguishing Media

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Hazardous combustion products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

Protective Equipment For Fire-Fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid inhalation of vapors and aerosol spray. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this material safety data sheet. In case of spills, beware of slippery floors and surfaces.

Environmental Precautions

Avoid discharge into water courses or onto the ground.

Spill Clean Up Methods

Stop leak if possible without risk. Absorb spillage with oil-absorbing material.

7. HANDLING AND STORAGE

Handling

Avoid contact with skin and eyes. Do not eat, drink or smoke when using the product. Promptly remove any clothing that becomes wet. Wash promptly if skin becomes wet. Use appropriate skin cream to prevent drying of skin.

Storage

Store in tightly closed original container in a dry and cool place. Store away from: Oxidizing material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
2-METHOXY-1-METHYLETHYL ACETATE	WEL	100 ppm	-	50 ppm	-	

WEL = Workplace Exposure Limit.

Engineering Measures

Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

Respiratory Equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Use respiratory equipment with gas filter, type A2.

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Hand Protection

Wear protective gloves. Butyl rubber gloves are recommended. Neoprene gloves are recommended. Nitrile gloves are recommended. Be aware that the liquid may penetrate the gloves. Frequent change is advisable.

Eye Protection

Wear approved, tight fitting safety glasses where splashing is probable.

Other Protection

Wear suitable protective clothing as protection against splashing or contamination.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Color	Lightly coloured.
Odor	Solvent.
Solubility	Forms an emulsion with water.
Initial boiling point and boiling range	145 - 242 °C (293 - 468 °F)
Melting point (°C)	Not applicable.
Relative density	0.98 g/ml @ 20 °C (68 °F)
Vapor density (air=1)	> 1
Vapor pressure	0.013 kPa @ 20 °C (68 °F)
Evaporation rate	< 1 (BuAc = 100)
pH-Value, Conc. Solution	Not applicable.
Viscosity	Not available.
Decomposition temperature (°C)	Not available.
Flash point	> 100 °C (> 212 °F) Sh CC (Setaflash closed cup).
Auto Ignition Temperature (°C)	272 °C (522 °F)
Flammability Limit - Lower(%)	1.0 %
Flammability Limit - Upper(%)	10.0 %
Oxidising properties	Does not meet the criteria for oxidising.
Volatile Organic Compound (VOC)	1999/13/EC: 25, ASTM D2369: 900 g/litre

10. STABILITY AND REACTIVITY

Reactivity

There are no known reactivity hazards associated with this product.

Stability

Stable under normal temperature conditions and recommended use.

None known.

Conditions To Avoid

There are no known conditions that are likely to result in a hazardous situation.

Materials To Avoid

Strong acids. Strong alkalis. Strong oxidizing substances.

Hazardous Decomposition Products

None at ambient temperatures.

11. TOXICOLOGICAL INFORMATION

Toxicological information

No data recorded.

12. ECOLOGICAL INFORMATION

Toxicity

The product is not expected to be hazardous to the environment.

Degradability

The product is expected to be biodegradable.

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Bioaccumulative potential

The product does not contain any substances expected to be bio-accumulating.

Mobility:

Mobile. The product is miscible with water. May spread in water systems.

Other adverse effects

The product contains volatile, organic compounds which have a photochemical ozone creation potential.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local regulations. Contact specialist disposal companies. Recover and reclaim or recycle, if practical. Liquid components can be disposed of by incineration. Small quantities in an industrial wastewater stream are easily treated in biological treatment systems.

Waste Class

Not classified as hazardous waste under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261

14. TRANSPORT INFORMATION

General	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, DOT).
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Transport Labels

No transport warning sign required.

Environmentally Hazardous Substance/Marine Pollutant

No.

15. REGULATORY INFORMATION

US Federal Regulations

Federal Regulations Comments

SECTION 313: This product does not contain toxic chemical subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372. TSCA: The ingredients of this product are on the TSCA Inventory.

US State Regulations

State Regulations Comments

State and local regulations may apply.

16. OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date	08/05/2014
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Revision	3
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Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.