

**MATERIAL SAFETY DATA SHEET****ECO-WASH 100****1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**PRODUCT NAME** ECO-WASH 100  
**PRODUCT USE** Ink cleaner for printing inks.  
**SUPPLIER** M&R Companies  
1N372 Main Street  
Glenn Ellyn, IL 60137  
T: 630-858-6101  
**EMERGENCY TELEPHONE** 800-424-9300 (Chemtrec, 24 hours)  
**CONTAINER SIZE** 1L, 5L, 25L, 210L  
**CONTAINER SIZE**

**2 HAZARDS IDENTIFICATION****PHYSICAL AND CHEMICAL HAZARDS**

None under normal conditions.

**POTENTIAL HEALTH EFFECTS****INHALATION**

In high concentrations, vapors may irritate throat and respiratory system and cause coughing.

**INGESTION**

May cause discomfort if swallowed.

**SKIN CONTACT**

Skin irritation is not anticipated when used normally.

**EYE CONTACT**

Spray and vapor in the eyes may cause irritation and smarting.

**HEALTH WARNINGS**

Prolonged or repeated contact leads to drying of skin.

**3 COMPOSITION/INFORMATION ON INGREDIENTS**

Name	EC No.	CAS-No.	Weight
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	1-5%

**4 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.

**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.

**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

**SPECIFIC HAZARDS**

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

**ECO-WASH 100****PROTECTIVE MEASURES IN FIRE**

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

**AUTO IGNITION TEMPERATURE** 522 °F (272 °C)

(°C)

**FLAMMABILITY LIMIT - LOWER(%)** 1.0 %

**FLAMMABILITY LIMIT - UPPER(%)** 10.0 %

**FLASH POINT (°C)** > 212 °F (> 100 °C) Sh CC (Setaflash closed cup).

**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Follow precautions for safe handling described in this safety data sheet. Wear protective clothing as described in Section 8 of this safety data sheet.

**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. For waste disposal, see section 13.

**7 HANDLING AND STORAGE****HANDLING**

Observe good chemical hygiene practices.

**STORAGE**

Store in closed original container at temperatures between 30°F (0°C) and 86°F (30°C). Store away from: Oxidising 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.

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

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

**RESPIRATORY EQUIPMENT**

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

**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 goggles/face shield.

**OTHER PROTECTION**

Wear suitable protective clothing as protection against splashing or contamination.

**HYGIENE MEASURES**

When using do not eat, drink or smoke. Promptly remove any clothing that becomes wet. Wash promptly if skin becomes wet. Use appropriate skin cream to prevent drying of skin.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>APPEARANCE</b>	Liquid		
<b>ODOR</b>	Solvent.		
<b>SOLUBILITY</b>	Soluble in: Organic solvents. Forms an emulsion with water.		
<b>BOILING POINT (°C)</b>	293 - 468 °F (145 - 242 °C)	<b>RELATIVE DENSITY</b>	0.98 g/ml @ 68 °F (20 °C)
<b>VAPOR PRESSURE</b>	0.013 kPa @ 68 °F (20 °C)	<b>FLASH POINT (°C)</b>	> 212 °F (> 100 °C) Sh CC (Setaflash closed cup).

**ECO-WASH 100****VOLATILE ORGANIC CONTENT** ASTM D2369: 900 g/litre**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**MATERIALS TO AVOID**

Strong acids. Strong alkalis. Strong oxidizing substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**Fire creates: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).**11 TOXICOLOGICAL INFORMATION****TOXICOLOGICAL INFORMATION**

No information available.

**12 ECOLOGICAL INFORMATION****MOBILITY**

The product is partly miscible with water and may spread in the aquatic environment.

**BIOACCUMULATION**

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

**DEGRADABILITY**

The product is expected to be biodegradable.

**ACUTE FISH TOXICITY**

Not considered toxic to fish.

**13 DISPOSAL CONSIDERATIONS****WASTE MANAGEMENT**

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

**DISPOSAL METHODS**

Contact specialist disposal companies. Recover and reclaim or recycle, if practical. Liquid components can be disposed of by incineration. Small quantities may be flushed to drains with plenty of water.

**14 TRANSPORT INFORMATION****TRANSPORT NOTES**

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

**DOT HAZARD CLASS**

Not regulated.

**15 REGULATORY INFORMATION****INVENTORIES**

COMPONENT	CAN	US	EU	AUS	JAP	KOR	CHN	PHLP
2-METHOXY-1-METHYLETHYL ACETATE	DSL	Yes.	EINECS	Yes.	N/A.	N/A.	N/A.	N/A.

COMPONENT	TSCA 12(b) Export Notification
2-METHOXY-1-METHYLETHYL ACETATE	No.

**US FEDERAL REGULATIONS**

COMPONENT	SARA 302-TPQ	CERCLA-RQ	SARA 313
2-METHOXY-1-METHYLETHYL ACETATE	Not listed	Not listed	No.

**CLEAN AIR ACT**

COMPONENT	CAA Accidental Release Prevention
2-METHOXY-1-METHYLETHYL ACETATE	Not Listed

**STATE REGULATIONS COMMENTS**

State and local regulations may apply.

REVISION DATE: 02/11/2010

**ECO-WASH 100****REGULATORY STATUS (US)**

This Product is Not Hazardous under the OSHA Hazard Communication Standard. PROPOSITION 65: This product does not contain chemicals considered by the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 as causing cancer or reproductive toxicity and for which warnings are now required.

**WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM -WHMIS****LABEL(S) FOR SUPPLY**

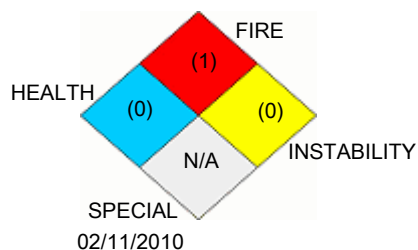
Not Classified  
According to  
WHMIS.

**CONTROLLED PRODUCT CLASSIFICATION**

WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (CPR SECTION (33)) This product has been classified according to the hazard criteria of the Controlled Product Regulations, and the MSDS contains all required information.

**16 OTHER INFORMATION****HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)**

HEALTH	0
FLAMMABILITY	1
PHYSICAL	0
PERSONAL PROTECTION	B

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)**

REVISION DATE

02/11/2010

VERSION No.

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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.