



## MATERIAL SAFETY DATA SHEET

MSDS Name: RONDA-COOL XL  
MSDS Number: PTW.700054  
MSDS Date: 03/10/09  
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### SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: RONDA-COOL XL  
CAS Number: MIXTURE  
Hazard Rating: Health: 1 Fire: 1 Reactivity: 0 PPI: E  
EPA Registration: NA  
Company Identification: Michael Weinig, Inc.  
124 Crosslake Park Drive  
P.O. Box 3158  
 Mooresville, NC 28117  
Contact: CUSTOMER SERVICE  
Telephone/Fax: (704) 799-0100 / (704) 799-7400  
Emergency Phone (24 Hour): INFOTRAK - (800) 535-5053.

### SECTION II - INGREDIENT AND HAZARD INFORMATION

#### Hazardous Ingredients

CAS Number	%	TSCA	Health	Fire	React	PP
PROPRIETARY ALKYLALKANOLAMINE MIXTURE						
Not available	10 - 30	Y	3	1	0	H
SODIUM BORATE						
1330-43-4	1 - 5	Y	1	0	0	E
TRIAZINE						
4719-04-4	1 - 5	Y	2	1	1	B

\*\*\* ALL Ingredients in this product are listed in the T.S.C.A. Inventory

### SECTION III - HAZARDS IDENTIFICATION

#### PRIMARY ROUTES OF ENTRY:

Inhalation, and/or skin contact. Inhalation and skin contact are expected to be the primary routes of occupational exposure to ALKYLALKANOLAMINES. This material is considered, on the basis of single exposure animal tests, to be slightly to moderately toxic after skin contact and corrosive to the eyes. Vapors may be irritating to the eyes and respiratory tract.

#### CARCINOGENICITY:

This product does not contain any substance(s) listed as a carcinogen by NTP, IARC, or OSHA.

#### ACUTE (SHORT TERM) FOR PRODUCT:

EYES: Causes severe irritation and possible burns.

SKIN: Causes skin irritation.

INHALATION: Inhalation of vapors or mists may cause pulmonary irritation, dizziness and nausea.

INGESTION: May be harmful if swallowed.

#### CHRONIC (LONG TERM) FOR PRODUCT OR COMPONENTS:

Prolonged or repeated breathing of sprays, mists, or dusts in excess of the suggested TLV may cause nasal and respiratory irritations.

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## SECTION IV - FIRST AID MEASURES

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician promptly if irritation persists.

IF ON SKIN: Remove contaminated clothing and wash affected skin area with soap and water.

IF SWALLOWED: Call a physician promptly. INDUCE VOMITING at the direction of a physician or medical personnel. Give large quantities of water. Never give anything orally to an unconscious or convulsing person.

IF INHALED: Remove person to fresh air. If not breathing, apply artificial respiration. If breathing is difficult give oxygen. Contact a physician promptly.

## SECTION V - FIRE-FIGHTING MEASURES

Flammability Class III B  
Flash Range: >210 F  
Explosive Range: Not Applicable

### EXTINGUISHING MEDIA:

Water spray, carbon dioxide, dry chemical, alcohol foam, or foam.

### SPECIAL FIREFIGHTING PROCEDURES:

Fire fighters and others who may be exposed to products of combustion should wear full fire fighting turn out gear and self contained breathing apparatus (pressure demand NIOSH approved or equivalent). Fire equipment should be thoroughly decontaminated after use. Use water spray to cool containers exposed to fire. DO NOT permit water to enter containers. Material may spatter or foam if contacted with water. Use water spray to dilute vapors and wash them from air.

### UNUSUAL FIRE & EXPLOSION HAZARDS:

When burned, hazardous products of combustion including oxides of nitrogen, carbon monoxide, and carbon dioxide can occur. Heated material can form flammable and explosives with air. Avoid breathing fumes from fire and exposed material. Never use welding or cutting torch on or near drum, even empty, because product or residue can ignite explosively.

## SECTION VI - ACCIDENTAL RELEASE MEASURES

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

SMALL SPILLS: Use an inert material to absorb spilled product. Flush spill area with plenty of water.

LARGE SPILLS: Over 50 gallons, use caution; spilled material may be extremely slippery. Contain spilled material immediately and prevent from entering sewer or storm water systems. Use an inert material to immobilize and absorb spilled material.

## SECTION VII - HANDLING AND STORAGE

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in this data sheet should be observed.

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## SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

	ACGIH TLV	ACGIH TLV-C	ACGIH STEL	OSHA STEL	OSHA PEL
PROPRIETARY ALKYLALKANOLAMINE	N/est	N/est	N/est	N/est	N/est
SODIUM BORATE	1.00 mg/M <sup>3</sup>	N/est	6.00 ppm	N/est	5.00 mg/M <sup>3</sup>
TRIAZINE	N/est	N/est	N/est	N/est	N/est

### RESPIRATORY PROTECTION:

None normally required. However, if exposure to airborne concentrations exceeds occupational exposure limits listed in SECTION II, use an appropriate NIOSH-approved respirator for organic vapors and/or particulates in accordance with 29 CFR 1910.134. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type of respiratory equipment for given application.

### VENTILATION:

Use adequate ventilation to keep airborne concentrations below the exposure standards listed in SECTION II.

### PROTECTIVE GLOVES:

Neoprene rubber gloves are recommended.

### EYE PROTECTION:

Wear approved splashproof chemical goggles.

OTHER PROTECTIVE EQUIPMENT: None normally required.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Form: LIQUID  
Appearance/Color: BRIGHT GREEN  
Odor: MILD  
Solubility (in water): MISCIBLE  
pH Value: 9.5 – 10.5  
Boiling Range: (WATER) 212.F (100.C)  
Vapor Pressure (mmHg): (WATER) 17. @ 68.F (20.C)  
Vapor Density: Non Volatile  
Specific Gravity: 1.043  
VOC: 17.8% by weight  
Molecular Weight: MIXTURE

## SECTION X - STABILITY AND REACTIVITY

Stability: This product is stable  
Hazardous Polymerization: Hazardous polymerization will not occur

### INCOMPATIBILITY:

Acids, strong oxidizing agents.

### CONDITIONS TO AVOID:

Acids, strong oxidizing agents.

### HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, and oxides of nitrogen can be liberated at high temperatures.

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## SECTION XI - TOXICOLOGICAL INFORMATION

Lethal Dose Information (ppm)

### PROPRIETARY ALKYLALKANOLAMINE

Eyes	Rabbit, adult	TDLo 0.
Inhalation	Rat, adult	TDLo 0.856 mg/M <sup>3</sup>
Oral	Rat, adult	LD <sub>50</sub> 900. ppm
Skin	Rabbit, adult	LD <sub>50</sub> 1756. mg/kg

### SODIUM BORATE

Oral	Unknown	LD <sub>50</sub> 3400. ppm
Skin	Unknown	LD <sub>50</sub> 2000. ppm

### TRIAZINE

Oral	Rat, adult	LD <sub>50</sub> 1250. ppm
Skin	Rat, adult	LD <sub>50</sub> 2000. ppm

ADDITIONAL TOXICOLOGICAL DATA FOR PRODUCT AND/OR INGREDIENTS:  
NONE KNOWN FOR PRODUCT

## SECTION XII - ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION FOR PRODUCT AND/OR INGREDIENTS:  
Aquatic toxicity data not available.

## SECTION XIII - DISPOSAL CONSIDERATIONS

EPA Hazardous Waste Number NONE

### WASTE DISPOSAL METHOD:

Waste product must be disposed of properly under Federal, State and Local regulations for industrial waste. Incineration is the recommended method for disposal observing all Local, State and Federal regulations. This product when spilled or disposed of is a non-hazardous waste as defined in 40 CFR Part 261 of the RCRA regulations.

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## SECTION XIV - TRANSPORT INFORMATION

UN Number: NONE  
UN Pack Group: NA  
UN Class: NA  
ICAO/IATA Class: NONE  
DOT Hazard Class: NOT HAZARDOUS

### CANADIAN TDG/WHMIS INFORMATION:

PIN NUMBER: None  
TDG: NA  
TDG ACT CLASS: NA  
WHMIS: D2B  
OTHER NAMES: None

## SECTION XV - REGULATORY INFORMATION

EEC Classification: Irritant

This product is not regulated as a hazardous substance.

## SECTION XVI - OTHER INFORMATION

### ADDITIONAL PRECAUTIONS AND NOTES:

Do not dilute or mix with other materials unless advised by supplier.

PLEASE NOTE! This product contains alkanolamines. DO NOT ADD solutions containing NITRITES or related NITROSATING agents to this material. Potential carcinogenic NITROSAMINES may be formed.