Material Safety Data Sheet

Identity: **ROLL COOL**

Section I

Manufacturer: **Pacer Industries, Inc.**

Address: 200 Red Road
Coatesville, PA 19320

Emergency Telephone Number: (610)383-4200 800-225-0315

Information Telephone Number: (610)383-4200 800-225-0315

Date Prepared: 01/01/2011

HMIS Ratings:

Health: 2
Fire: 1
Reactivity: 0
Personal Protection: B

NFPA Ratings

FIRE: 1
HEALTH: 2
SPEC. HAZ.: 1
REACTIVITY: 0

SECTION II - Hazardous Ingredients/Identity Information

CAS number	Component	%
929-06-6	DIGLYCOL AMINE	<15
141-43-5	METHYLALAMINE	<1
7632-00-0	SODIUM NITRITE	<15

SECTION III - Physical/Chemical Characteristics

Boiling Point	>212°F (100°C)	**Specific Gravity**	1.03@ 25/4C
Vapor Pressure (mm Hgl)	low	**Melting Point**	N/A
Vapor Density (Air = 1)	N/A	**Evaporation Rate** (Butyl Acetate = 1)	N/D
Solubility in Water	Complete		
Appearance and Odor	Slight blue color, slight lemon odor		

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A **Pyrophoric:** NO **Combustible:** NO	**Flammable Limits** **LEL:** N/D **UEL**: N/D **Flammable:** NO
Extinguishing Media	Water fog, alcohol foam, CO2, dry chemical.
Special Fire Fighting Procedures	Wear positive pressure self contained breathing apparatus..
Unusual Fire and Explosion Hazards	none noted

SECTION V - Reactivity & Stability Data

Stability	Stable	**Conditions to avoid**	Strong oxidizers

Incompatibility (materials to avoid) Strong oxidizing agents, strong acids may react with various halogenated organic solvents causing temperature or pressure increase.DO NOT MIX WITH OTHERCOOLANTS OR CLEANERS CONTAINING TERTIARY/SECONDARY AMINES

Hazardous Decomposition or by-products Possibly nitrogen oxides. Do not heat above 60C in presence of aluminum due to corrosion and liberation of hydrogen gas.

Hazardous polymerization Will not occur

SECTION VI - Health Hazard Data

Route(s)of Entry Dermal, eye contact, ingestion, inhalation

Health Hazards (Acute and Chronic) :

Warning statements & warning properties: May cause eye and mucous membrane irritation. May cause skin irritation..

Eyes: Contact with eyes may cause irritation consisting of reversible redness, swelling, and mucous discharge to the conjunctive. No corneal involvement or visual impairment would be expected.

Skin: Contact with the skin would be expected to cause moderate irritation consisting of transient redness. The irritant effect would not result in permanent damage. There are no known chronic effects from chronic exposure. May rarely cause an allergic skin response.

Inhalation: Inhalation of vapors (generated at high temperatures) or mist from this product may cause mild irritation of the upper respiratory tract.

Ingestion: Will cause nausea, vomiting and diarrhea if ingested.

Medical Conditions generally aggravated by exposure: none noted

Emergency and first aid procedures:

Eyes: Wash with copious amounts of water for at least 15 minutes. Seek medical attention.

Skin: Wash exposed areas with soap and water. Seek medical attention immediately. Do not reuse clothing soaked with this product until laundered. Discard all leather articles which have been soaked with this product.

SECTION VII - Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled: Shut off the source of the leak if it is safe to do so. Dike and contain the spill. Remove diked material with vacuum trucks. Soak residue with clay, sand or other suitable materials.

Waste disposal method: Dispose of the contaminated absorbent material properly. **It is the users responsibility to properly dispose of this material in accordance with Federal, State, and local laws.**

Precautions to be taken when handling and storing: Avoid exposure to skin and eyes. Wear protective clothing..

Other Precautions: N/A

SECTION VIII - Control Measures

Respiratory protection - Control below guideline (5mg/m3) For most conditions no respiratory equipment is necessary except when handling at elevated temperatures use an approved air purifying respirator.

Ventilation: local exhaust

Protective Gloves: nitrile gloves

Eye Protection: NIOSH approved safety goggles.

Other Protective Clothing or Equipment: unnecessary.

Work/Hygienic Practices: Clean up spills immediately.