

MSDS

MATERIAL SAFETY DATA SHEET

C & W UNLIMITED
217-A WASHINGTON AVE.
CARLSTADT, NJ 07072

EMERGENCY TELEPHONE NUMBER
201-933-4343

HAZARD RATING
4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

HMIS RATING
HEALTH 1
FLAMMABILITY 0
REACTIVITY 0
PERSONAL PROTECTION X

DATE ISSUED: JULY, 10, 2002
REVISION DATE: MAY, 15, 2003

SECTION I PRODUCT INFORMATION

PRODUCT NAME : **Pacesetter 990 Fountain Solution**
CHEMICAL NAME : Complex Mixtures
MOLECULAR FORMULA : Mixture
SYNONYMS :
CHEMICAL FAMILY : Organic Gum and Complex Mixture

SECTION II COMPONENT INFORMATION

	<u>CAS#</u>	<u>CONTENT %</u>	<u>TLV</u>	
COMPONENTS :	Glycol	107-21-1	<10%	100 ppm ACGIH

SECTION III PHYSICAL PROPERTIES

BOILING POINT	: 210°F	MELTING POINT	: N/A
SPECIFIC GRAVITY (H ₂ O = 1)	: 1.12 / 20°C	VAPOR PRESSURE	: 16 mm Hg / 20°C
SOLUBILITY IN WATER	: Miscible	VAPOR DENSITY (AIR = 1)	: Nil
PERCENT VOLATILE	: 9%	pH (as is)	: 3.6
VOC's (lbs. per gallon)	: .83 lbs per gal	EVAPORATION RATE	
APPEARANCE & ODOR	: Brown Liquid, Mild Odor	(n-BuOAc = 1.0)	: 0.5

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT : Not Combustible
FLAMMABLE LIMITS : Lower - 0 Upper - 0
EXTINGUISHING MEDIA : Water, Carbon Dioxide or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:
Wear self-contained breathing apparatus

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:
In contact with easily oxidize able substances or heated to dryness it may cause ignition, combustion or explosion.

SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE : Not established.

PRIMARY ROUTES OF ENTRY :

EFFECT OF OVEREXPOSURE :

EYES : May cause irritation

SKIN : May cause irritation.

INHALATION : May cause irritation

INGESTION : May cause headache, nausea, vomiting, gastrointestinal irritation, convulsions and unconsciousness.

EMERGENCY AND FIRST AID TREATMENT:

EYES : Flush eyes with plenty of water for at least 15 minutes Seek medical attention

SKIN : Wash with plenty of soap and water for at least 15 minutes

INHALATION : If breathing is difficult, remove individual to fresh air. Seek medical attention.

INGESTION : If person is conscious, induce vomiting at once by giving 2 glasses of warm water and inserting finger down throat. Seek medical attention.

CHRONIC EFFECT(S) OF OVEREXPOSURE: No known chronic effects.

SECTION VI REACTIVITY DATA

STABILITY : Stable at ordinary condition

INCOMPATIBILITY / AVOID CONTACT WITH : Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCT : Decomposes at 626°F releasing nitric fumes and sometimes nitrogen tetroxide

HAZARDOUS POLYMERIZATION : Will not occur

CONDITION TO AVOID : None

SECTION VII SPILL OR LEAK PROCEDURE

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

Flush the exposed area with large quantities of water. Flush into salvage tanks or industrial sewer.

WASTE DISPOSAL METHOD:

Flush into an industrial sewer with copious quantities of water.

Comply with all applicable federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) : None

VENTILATION :

LOCAL EXHAUST : Not required

MECHANICAL (GENERAL) :

OTHER :

PROTECTIVE GLOVES : Rubber gloves

EYE PROTECTION : Safety goggles

OTHER PROTECTIVE EQUIPMENT : Rubber apron

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Store away from readily oxidizing material. Store in closed containers and label corrosive.

OTHER PRECAUTIONS:

Avoid contact of foods.

SECTION X REQUIREMENTS FOR TRANSPORTATION

PROPER SHIPPING NAME : Pacesetter 990 Fountain Solution
HAZARDOUS CLASSIFICATION : Not DOT regulated
IDENTIFICATION NUMBER : None
REPORTABLE QUANTITY : None
IMCO CLASS (International Travel) :
ADDITIONAL LABELING : None

SECTION XI REGULATORY INFORMATION

**Status on Substance List
FEDERAL EPA**

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4

Components present in this product at a level, which could require reporting under the statute, are:

Glycol	CAS# 107-21-1	Content <10 %	100 ppm ACGIH
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Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 used for SARA 302, 304, 311 and 312.

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Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313).

This information must be included in all Material Safety Data Sheets that are copied and distributed for this material.

Components present in this product at a level, which could require reporting under this statute, are:

Glycol	CAS# 107-21-1	Content <10%	100 ppm ACGIH
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