

Product Name: CROWNSEAL®

Date: 06-10-97

MSDS Number: CS-95

CAS Number: Mixture

Prepared by: Greg Herbert

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Principal hazardous component(s) (chemical & common names)	p.c.	Threshold Limit Value (units)
Ethylene Glycol		< 2%

SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and odor: ----- Light Gray Paste
Boiling point: ----- NA
Vapor pressure (mm Hg and temperature): ----- NA
Vapor density (air = 1): ----- NA
Evaporation rate: ----- NA
Solubility in water: ----- Miscible
Water reactive: ----- Not reactive
Specific gravity: ----- .83
% volatile by volume: ----- NA

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash point and method used: ----- NA
Auto-ignition temperature: ----- NA
Flammability limits in air % by volume: ----- NA
Extinguishing media: ----- Water Fog, Dry Chemical
Special fire fighting procedures: ----- Water may be used to extinguish fire.
Unusual fire and explosion hazards: ----- None known to SaverSystems

SECTION 4 - REACTIVITY HAZARD DATA

Stability: ----- Stable
Conditions to avoid:----- None known to SaverSystems.
Incompatibility (materials to avoid):----- Strong Alkalies, Acids, Chlorine Bleach
Hazardous decomposition products:----- NA
Hazardous polymerization:----- Will not occur.
Conditions to avoid:----- None known to SaverSystems

SECTION 5 - HEALTH HAZARD DATA

Primary routes of entry:

 X Inhalation _____ Skin Absorption _____ Ingestion _____ Not Hazardous

Carcinogen listed in:

_____ NTP _____ IARC Monograph _____ OSHA _____ Not Listed

Signs and symptoms of exposure: Eyes: Tearing or burning. Skin: Redness, swelling, burns.

Breathing: Irritation to nose, throat, and respiratory tract.

Acute and chronic overexposure: Acute overexposure can cause irritation to skin and eyes. Chronic overexposure can cause irritation to nasal or respiratory passages.

Medical conditions generally aggravated by exposure: None known to SaverSystems.

Emergency and first aid procedures -

Eye contact: Flush with large amounts of water. Get medical attention.

Skin contact: Flush with water. Seek medical attention if rash develops.

Inhalation: Remove to fresh air.

Ingestion: Give two (2) glasses of water. Induce vomiting by Ipecac Syrup or other means. Get medical attention promptly.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory protection (specify type): Not generally required with normal outdoor use.

Protective gloves: Chemical resistant gloves

Eye protection: Safety glasses or goggles

Ventilation: Not generally required with outdoor use.

Local exhaust:

Mechanical (general):

Special:

Other protective clothing and equipment: NA

Hygienic work practices: Wash after handling any chemical.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

Steps to be taken if material is spilled or released: Stop spill. Sweep up and dispose of according to Local, State, and Federal Regulations.

Waste disposal methods: In approved waste facility by authorized contractor.

Precautions to be taken in handling and storage: Protect from extreme heat or cold.

Other precautions and/or special hazards: None known to SaverSystems.

NFPA Rating: Health _____ Flammability _____ Reactivity _____ Special _____
HMIS Rating: Health 1 Flammability 0 Reactivity 0 Special B