



# MSDS G33

Effective Date:  
11-APRIL-2007

This Material Safety Data Sheet applies to the following Baldwin Filters Part Numbers:

**CSC5012**  
**CSC5013**  
**CSC5014**

## I. Identification

**Emergency Only Telephone:** (800) 424-9300 Inside the US, Canada and the U.S.  
Virgin Islands  
(703) 527-3887 Outside the US (collect calls accepted)

**Information Telephone:** (800) 822-5394

**Chemical Family:** Alkali Metal Salts in Water  
**DOT Hazard:** Not Applicable  
**UN/NA Number:** Not Applicable  
**DOT Emergency Response Guide:** Not Applicable  
**DOT Hazard Description:** Not Applicable

## II. Hazardous Ingredients

This product is not hazardous as defined by OSHA regulations.

## III. Physical Data

**Specific Gravity (70F, 21C):** 1.104  
**Freeze Point:** 18F -8C  
**Viscosity (cps 70F, 21C):** 10  
**Vapor Pressure (mmHg):** ~ 18.0  
**Vapor Density (air = 1):** < 1.00  
**Solubility in Water:** Complete  
**pH (1.0% soln):** ~ 6.5  
**Flash Point P-M (CC):** > 200F > 93C  
**Evaporation Rate (ether = 1):** < 1.00  
**Physical State:** Liquid  
**Odor:** Slight  
**Appearance:** Green

## IV. Fire and Explosion Hazard Data

**Flash Point (Test Method):** > 200F > 93C P-M (CC)  
**Extinguishing Media:** Dry chemical, carbon dioxide, foam or water  
**Special Firefighting Procedures:** Fire fighters should wear positive pressure self-contained breathing apparatus (full face-piece type)

## V. Reactivity Data

<b>Stability:</b>	Stable under normal storage conditions.
<b>Incompatibility (materials to avoid):</b>	May react with strong oxidizers
<b>Hazardous Decomposition Products:</b>	Thermal decomposition (destructive fires) yields elemental oxides.
<b>Hazardous Polymerization:</b>	Will not occur.

## VI. Health Hazard Data

**Ingredients Listed as Carcinogenic in NTP, IARC or OSHA (specify):** None

### Acute Effects of Overexposure

<b>Eye Contact:</b>	May cause slight irritation to the eyes.
<b>Skin Contact:</b>	May cause slight irritation to the skin.
<b>Inhalation:</b>	Mists/aerosols may cause irritation to upper respiratory tract.
<b>Ingestion:</b>	May cause gastrointestinal irritation.

### Emergency and First Aid Procedures

<b>Eyes:</b>	Flush at once with plenty of cool water for 15 minutes. Get immediate medical attention.
<b>Skin:</b>	Remove any contaminated clothing. Flush affected area with plenty of water for 15 minutes. If irritation develops, get medical attention.
<b>Inhalation:</b>	Remove victim to fresh air. If symptoms persist, consult a physician.
<b>Ingestion:</b>	Seek medical attention immediately. Give large quantities of water or milk to dilute. Never give anything by mouth to an unconscious person. Do not induce vomiting.

## VII. Spill or Leak Procedures

### **Protection and**

**Spill Containment:** Ventilate area. Use specified protective equipment. Contain and absorb on absorbant material. Place in waste disposal container. Flush area with water. Spread sand/grit.

### **Waste Disposal**

**Method:** Water contaminated with this product may be sent to a sewer treatment facility, in accordance with federal, state and local guidelines. Product as is – incinerate or land dispose in approved landfill.

## VIII. Special Protection Information

### **Ventilation**

**Requirements:** Adequate ventilation to maintain air contaminants below exposure limits.

### Recommended Personal Protective Equipment

<b>Respiratory:</b>	A respiratory protection program that meets OSHA's 29CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. Use air purifying respirators within use limitations associated with the equipment or else use supplied air-respirators. If air-purifying respirator use is appropriate, use a respirator with dust/mist filters.
<b>Eyes:</b>	Chemical splash goggles
<b>Gloves:</b>	Neoprene gloves — wash off after each use. Replace as necessary.

## IX. Handling and Storage

**Handling:** Normal chemical handling.  
**Storage:** Keep containers closed when not in use. Reasonable and safe chemical storage. Protect from freezing.

## X. Toxicological Information

Oral LD50 Rat: > 2,000 mg/kg (estimated value)  
Dermal LD50 Rabbit: > 2,000 mg/kg (estimated value)

## XI. Regulatory Information

**TSCA:** All components of this product are listed in the TSCA inventory.  
**CERLA and/or SARA REPORTABLE QUANTITY (RQ):** No regulated constituent present at OSHA thresholds

**SARA SECTION 312 HAZARD CLASS:** Immediate (acute); Delayed (chronic)  
**SARA SECTION 302 CHEMICALS:** No regulated constituent present at OSHA thresholds  
**SARA SECTION 313 CHEMICALS:**

CAS #	CHEMICAL NAME	RANGE
3458-72-8	1,2,3-Propanetricarboylic Acid, 2-Hydroxy-, Triammonium Salt	11.0 - 15.0%

### **CALIFORNIA REGULATORY INFORMATION:**

**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65) CHEMICALS PRESENT:** No regulated constituent present at OSHA thresholds

**MICHIGAN REGULATORY INFORMATION:** No regulated constituent present at OSHA thresholds

## XII. Ecological Information

**Aquatic Toxicology:** No Data Available.  
**Biodegradation:** No Data Available.

## XIII. NFPA / HMIS

Health	1	Slight Hazard
Fire	1	Slight Hazard
Reactivity	0	Minimal Hazard
Special	None	No Special Hazard
Protective Equipment <sup>(1)</sup>	B	Goggles, gloves

<sup>(1)</sup> refer to section VIII of MSDS for additional protective equipment recommendations.

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**BALDWIN FILTERS®** **BALDWIN**

a CLARCOR company

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