



SAFETY DATA SHEET COLDSTAB CEL

Section 1: Identification of the Substance and of the Company

1.1 Product Identifier:

Product Name: Coldstab Cel
Synonyms: Carboxymethylcellulose Solution
CAS Number: 9004-32-4

1.2 Relevant Identified uses of the Substance and Uses Advised Against:

Relevant Identified Uses: To stabilize wine by preventing tartrate precipitation.

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: ATPGroup
1230 Shiloh Rd.
Windsor, CA 95492 USA
Telephone: 707-836-6840
Fax: 707-836-6843
www.atpgroup.com

1.4 Emergency Telephone Number

Telephone 800-424-9300 – CHEMTREC (24/7) – within USA & Canada
+1 703-527-3887 – CHEMTREC (24/7) – International & Maritime
707-836-6840 – ATPGroup

Section 2: Hazards Identification

2.1 Classification of the Substance:

Carboxymethylcellulose is not classified as hazardous under the provisions of Directives 67/548/EEC and 1999/45/CD and/or Regulation EC 1272/2008 (CLP) and subsequent amendments and adjustments



2.2 Label Elements:

According to EC REG. No. 1272/2008

Hazard Pictogram: None

Signal Word: None

Hazard Statements: None

Precautionary Statements: None

2.3 Other Hazards:

Potassium Bisulfite – (Sulphur dioxide and sulphites at concentrations of more than 10 mg/kg)

Section 3: Composition/Information on Ingredients

3.1 Chemical Characteristics/Substances

No data available

3.2 Ingredients

Commercial Name: Carboxymethylcellulose
CAS #: 9004-32-4
Other information: Maximum concentration 10%

Commercial Name: Potassium Metabisulfite
CAS#: 7773-03-7
EC#: 231-870-1
Other Information: Maximum concentration 0.40%
Xi; R36/37 R31
Eye Irritant 2, H319

Commercial Name: Water
CAS Number: 7732-18-5
Other Information: Maximum concentration 90%



Section 4: First Aid Measures

4.1 Description of First Aid

Skin Contact: Wash thoroughly with soap and water, consult a physician if irritation occurs

Eye Contact: Immediately rinse with plenty of water for at least 10 minutes

Ingestion: If swallowed in large amounts, drink plenty of water and seek medical advice.

Inhalation: Ventilate the area. Immediately move the patient to a well ventilated area. If you feel unwell seek medical advice.

4.2 Most Important Symptoms and Effects, both Acute and Delayed

There are no known permanent effects on humans due to intermittent short exposure when used as directed.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

In case of doubt seek medical advice

Section 5: Fire-fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Water spray, dry chemical, alcohol foam, or carbon dioxide.

Unsuitable Extinguishing Media for Safety Concerns: No data available

5.2 Special Hazards Arising from the Substance

Carbon monoxide, carbon dioxide, and smoke. Sulfur Dioxide gas is liberated when in contact with acids at temperatures $>50^{\circ}\text{C}$ (120F)

5.3 Advice for Firefighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.



Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Non-Emergency Personnel: move away from the area surrounding the spill or release. This product can be very slippery if spilled on damp floors. Wear appropriate protective equipment (see section 8).

Emergency Personnel: ventilate area; wear appropriate protective equipment (see section 8), avoid contact with eyes. This product can be very slippery if spilled on damp floors.

6.2 Environmental Precautions

No long-term ecological effects. Dispose of waste in compliance with current local regulations.

6.3 Methods and Material for Containment and Cleaning Up

Collect the spilled material in appropriate containers for reclamation or disposal in accordance with local rules. Flush area with water.

6.4 Reference to Other Sections

See Section 8 or 13

Section 7: Handling and Storage

7.1 Precautions for Safe Handling

Follow appropriate Good Manufacturing Practices. Handle in well-ventilated area. Avoid contact, inhalation, and ingestion. See also section 8.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep in a tightly closed container. Do not store in unlabeled containers. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat/ignition, moisture, direct sunlight, extreme cold, and incompatibilities.

7.3 Specific End Uses

See 1.2

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

Potassium Bisulfite: TLV STEL 0.25ppm (SO₂)

8.2 Exposure Controls

Appropriate Engineering Controls: Provide ventilation system; in general dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Protective Equipment (PPE):

Personal Respirators (NIOSH Approved): Recommended in case of insufficient ventilation; filter type P2 or equivalent.

Skin Protection: Gloves and protective clothing to prevent contact.

Eye Protection: Use chemical safety goggles with side shields (ref. EN 166). Maintain eye wash fountain and quick-drench facilities in work area.

Hygiene Measures: Handle with accordance with good industrial hygiene and safety practice. Wash your hands before breaks and at the end of the workday. Keep away from food and drink. Wash work clothing and PPE periodically to remove contaminants.

Section 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Clear liquid

Odor: Odorless

Odor Threshold: N/A

pH: 3.5 – 5.0 (Sol. 5%)

Melting Point: No data available

Freezing Point: No data available

Boiling Point: No data available

Flash Point: No data available

Flammability: Not flammable **Upper Limit:** N/A **Lower Limit:** N/A

Explosive Properties: Not explosive **Upper Limit:** N/A **Lower Limit:** N/A

Auto-Ignition Temperature: No data available

Decomposition Temperature: No data available

Partition Coefficient: n-Octanol/water: No data available



Solubility: No data available
Density: 1.050 min. at 20° C
Relative Density: No data available
Vapor Density (Air=1): No data available
Evaporation Rate (BuAc=1): No data available
Vapor Pressure (mm Hg): No data available
Viscosity: 500 – 1500

Section 10: Stability and Reactivity

10.1 Reactivity

Stable under normal conditions

10.2 Chemical Stability

Stable under normal conditions

10.3 Possibility of Hazardous Reactions

Sulfur Dioxide gas is liberated when in contact with acids at temperatures >50°C (120F)

10.4 Conditions to Avoid

Heat, flames, and ignition sources

10.5 Incompatible Materials

None

10.6 Hazardous Decomposition Products

No decomposition when used per manufacturer's instructions.

Section 11: Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity:

LD50 for mice is higher than 2000 mg/kg. The ingestion of small amounts over a long period of time does not cause adverse effects.

Unless otherwise specified, the data required by Regulation 453/2010 / EC listed below are considered NOT APPLICABLE (N.A.)

1. Acute Toxicity
2. Skin Corrosion/Irritation
3. Serious Eye Damage/Irritation
4. Respiratory or Skin Sensitization



- 5. Germ Cell Mutagenicity
- 6. Reproductive Toxicity
- 7. STOT-Single Exposure
- 8. STOT-Repeated Exposure
- 9. Aspiration Hazard
- 10. Information on Likely Routes of Exposure

-----\Cancer Lists\-----
 ---NTP Carcinogen---

Ingredient	Known	Anticipated	IARC Category
Carboxymethylcellulose	No	No	None

Section 12: Ecological Information

12.1 Toxicity

Adopt good working practices, avoiding release of the product in the environment. The average tolerance limit of four days (TL50) of rainbow trout and lepomis in static conditions is greater than 100 parts Sodium-CMC per million parts of water. Furthermore, no adverse reactions were observed in fish exposed to sodium-CMC; these results show that the sodium-CMC has a low toxicity to fish.

12.2 Persistence and Degradability

This product does not represent an ecological problem in the long term; it is slowly biodegradable.

12.3 Bioaccumulative Potential

No data available

12.4 Mobility in Soil

No data available

12.5 Results of PBT and vPvB Assessment

No data available

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state

and local requirements. Empty containers have to be handled with the same caution as the pure substance.

Section 14: Transport Information

Not regulated. Not a Hazardous Material

Section 15: Regulatory Information

15.1 Standards and legislation, health legislation specific for the substance / mixture

- Regulation 3/2/1997 n. 52 (Classification, packaging and labeling of dangerous substances)
 - Regulation 14/3/2003 n. 65 (Classification, packaging and labeling of dangerous substances)
 - D.M. 26/02/2004 work (occupational exposure limits)
 - D.M. 03/04/2007 (Implementation of Directive no. 2006/8 / EC)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EC) No. 1272/2008 (CLP)
 - Regulation (EC) No. 790/2009 (ATP1 CLP)
 - Regulation (EU) No. 453/2010 (Annex I)
 - Regulation (EU) No. 286/2011 (ATP 2 CLP)
 - Restrictions related to the product or contained substances pursuant to Annex XVII of Regulation (EC) No. 1907/2006 (REACH) and subsequent amendments
- Where applicable, refer to the following regulations:
- Regulation September 21, 2005 n. 238 (Seveso Directive Ter)
 - Regulation EC No. 648/2004 (detergents).
 - Decree 9 January 1927, n. 147 (Toxic Gas)
 - D.L. 3/4/2006 n. 152 Environmental Regulations.
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Section 16: Other Information

Text of phrases referred to in section 3:

R31 = Contact with acids liberates toxic gas

R36 = Irritating to eyes

R37 = Irritating to respiratory system

H319 = Causes serious eye irritation.

Classification made based on the data of all the components of the mixture



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