

SAFETY DATA SHEET – ColorGo®

1. Identification

1.1 Product Identifier: ColorGo

1.2 Recommended Use of the Chemical and Restrictions on Use: Removes dye stains from textiles. For industrial/institutional use only. Do not use at home. Keep out of reach of children.

1.3 Details of the Supplier of the Safety Data Sheet:

A. L. Wilson Chemical Co., PO Box 207, Kearny, NJ 07032, USA

Telephone: 201-997-3300

E-mail: SDS@ALWilson.com

1.4 Emergency Telephone Number:

Chemtrec: 800-424-9300 or 703-527-3887

2. Hazards Identification

2.1 Classification of the Substance or Mixture:

Ingestion – Acute Toxicity – Category 3

Skin and Eye Corrosion/Irritation – Category 1 (Skin Corrosion 1A)

2.2 Label Elements:

Contains: Sodium Metabisulfite [7681-57-4], Sodium Bifluoride [1333-83-1], Zinc [7440-66-6].

Hazard Pictograms:



Signal Word: Danger

Hazard Statements:

H301: Toxic if swallowed.

H314: Causes severe skin burns and eye damage.

Precautionary Statements:

Prevention:

P102: Keep out of reach of children.

P260: Do not breathe dusts.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P310: Immediately call a POISON CENTER or doctor/physician.

P301+P330+P331+P321: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

P303+P361+P353+P363: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

P234: Keep only in original container.

P405: Store locked up.

Disposal Considerations:

P501: Dispose of contents/container to hazardous or special waste collection point and in accordance to applicable regulations.

2.3 Other Hazards:

SAFETY DATA SHEET – ColorGo®

Ensure all equipment (including Personal Protective Equipment) is compatible with all product components.
See section 8 for exposure limits.

3. Composition/Information on Ingredients

Name	CAS No.	Concentration
Sodium Metabisulfite	7681-57-4	$70\% \leq C \leq 84\%$
Sodium Bifluoride	1333-83-1	$5\% \leq C \leq 15\%$
Zinc	7440-66-6	$1\% \leq C \leq 6\%$

4. First Aid Measures

4.1 Description of Necessary First Aid Measures:

Immediately call a POISON CENTER or doctor/physician.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Skin Contact: Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

4.2 Most Important Symptoms/Effects, both Acute and Delayed:

Eye Contact: Causes severe eye damage.

Skin Contact: Causes severe skin burns.

Ingestion: Toxic if swallowed.

4.3 Indication of Immediate Medical Attention and Special Treatment Needed:

Treat symptomatically. Due to the presence of Sodium Bifluoride, systemic effects such as hypocalcemia and hypomagnesia may occur.

5. Fire-fighting Measures

5.1 Suitable Extinguishing Media: Dry chemical power.

5.2 Specific Hazards Arising from the Substance or Mixture: Not Determined.

5.3 Special Protective Action for Fire-fighters: Use appropriate Personal Protective Equipment when fighting chemical fires. Ensure all equipment (including Personal Protective Equipment) is compatible with all product components.

Additional Information: Use water spray to cool nearby containers exposed to fire.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: Cordon off spill area. Wear protective gloves/protective clothing/eye protection/face protection. Ensure all equipment (including Personal Protective Equipment) is compatible with all product components. Remove immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

6.2 Environmental Precautions: Avoid release to the environment. Dispose of contents/container to hazardous or special waste collection point and in accordance to applicable regulations.

6.3 Methods and Materials for Containment and Cleaning Up: Keep spill dry. Sweep up and put into a dry and clean glass container. Collect and dispose waste to hazardous or special waste collection point and in accordance to applicable regulations.

7. Handling and Storage

SAFETY DATA SHEET – ColorGo®

7.1 Precautions for Safe Handling: Keep out of reach of children. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Ensure all equipment (including Personal Protective Equipment) is compatible with all product components.

7.2 Conditions for Safe Storage, Including any Incompatibles:

Storage Class: General

Store only in original container. Safely lock container in a cool and well ventilated place. Keep container sealed when not in use.

Packaging Material: Brown glass. Do not reuse.

Unsuitable Packaging Material: Any plastic or metal container. Keep only in original container.

8. Exposure Controls / Personal Protection

8.1 Control Parameters:

Exposure Limits Values

Name	Air Concentration USA ACGIH TLV (ppm)	Air Concentration USA OSHA TWA (mg/m ³)
Sodium Metabisulfite	No Data Available	5.0
Sodium Bifluoride	No Data Available	2.5
Zinc	No Data Available	15.0

8.2 Exposure Controls:

Engineering Measures: Work in a well ventilated area or under a ventilation hood.

8.3 Individual Protection Measures, such as Personal Protective Equipment:

Ensure all equipment (including Personal Protective Equipment) is compatible with all product components.

Eye Protection: Wear closed safety glasses or chemical splash goggles.

Skin Protection: Wear protective clothing.

Respiratory Protection: None needed when used with adequate ventilation.

Hand Protection: Wear protective gloves. Gloves must be inspected prior to use. Replace if worn or damaged. Do not reuse.

Hygiene Measures: Wash thoroughly after handling. Do not smoke, eat or drink in work area.

9. Physical and Chemical Properties

Appearance: Grey Powder.

Odor: Pungent.

Odor Threshold: Not Determined.

pH: Not Applicable.

Melting Point/Freezing Point (°C): Not Applicable.

Initial Boiling Point/Boiling Point Range (°C): Not Applicable.

Flash Point (°C): Not Applicable.

Evaporation Rate: Not Applicable.

Flammability (solid, gas): Not Applicable.

Upper/Lower Flammability or Explosive Limits: Not Applicable.

Vapor Pressure: Not Applicable.

SAFETY DATA SHEET – ColorGo®

Vapor Density: Not Applicable.

Relative Density (Water = 1): ~ 1.5 g/cm³ at 20°C.

Solubility: Moderately Soluble in Water.

Partition Coefficient: n-Octanol/Water: Not Applicable.

Auto-ignition Temperature: Not Applicable.

Viscosity: Not Applicable.

Explosive Properties: Not Applicable.

Oxidizing Properties: Not Applicable.

10. Stability and Reactivity

10.1 Reactivity: Strong alkalis, acids, and oxidizing agents.

10.2 Chemical Stability: Stable if used according to specifications.

10.3 Possibility of Hazardous Reactions: Strong alkalis, acids, and oxidizing agents.

10.4 Conditions to Avoid: High temperatures.

10.5 Incompatible Materials: Strong alkalis, acids, and oxidizing agents.

10.6 Hazardous Decomposition Products: Decomposition in case of fire: Sulfur Dioxide, Hydrogen Fluorides.

11. Toxicological Information

Acute Toxicity: Data not available for mixture. Toxic if swallowed.

Toxicological Information on Ingredients:		Acute Toxicity		
Name	CAS No.	Oral LD50 (Rat - mg/Kg)	Inhalation LC50 (Rat – ppm)	Dermal LD50 (Rabbit – mg/Kg)
Sodium Metabisulfite	7681-57-4	1540	No data available	No data available
Sodium Bifluoride	1333-83-1	No data available*	No data available	No data available [#]
Zinc	7440-66-6	No data available	No data available	No data available

*Oral LD50 (Rat) 160 mg/kg as Potassium hydrogendifluoride.
[#]Corrosive to skin.

Skin Corrosion/Irritation: Causes severe skin burns.

Serious Eye Damage/Eye Irritation: Causes severe eye damage.

Respiratory or Skin Sensitization: No information available.

Germ Cell Mutagenicity: No information available.

Carcinogenicity: Not listed by IARC, NTP or OSHA as carcinogens.

Reproductive Toxicity: No information available.

Specific Target Organ Toxicity – Single Exposure: No information available.

Specific Target Organ Toxicity – Repeated Exposure: No information available.

Aspiration Hazard: No information available.

Inhalation: No information available.

Subchronic/Chronic Toxicity: No information available.

12. Ecological Information

12.1 Ecotoxicity:

SAFETY DATA SHEET – ColorGo®

Aquatic Toxicity: Toxic to aquatic life.

12.2 Persistence and Degradability: Not applicable to inorganic substances or materials.

12.3 Bioaccumulative Potential: No.

12.4 Mobility in Soil: Not determined.

12.5 Results of PBT and vPvB Assessment: This product does not contain PBT or vPvB substances.

12.6 Other Adverse Effects: No data available.

13. Disposal Considerations

13.1 Disposal Methods:

Product (Any Residual Waste/Unused Product): Dispose of any residual product waste or unused product to hazardous or special waste collection point and in accordance to applicable regulations. Avoid release to the environment.

Packaging (Brown Glass): After use, close empty bottle, and dispose of to hazardous or special waste collection point and in accordance to applicable regulations.

14. Transport Information

Domestic Ground Transport Only (no aircraft or vessel): Ltd Qty

14.1 UN-Number: UN3260

14.2 UN Proper Shipping Name: Corrosive Solid, Acidic, Inorganic, N.O.S. (contains Sodium Hydrogendifluoride)

14.3 Transport hazard class(es): 8

14.4 Packing group: PG II

14.5 Environmental Hazard(s): Marine Pollutant: No

14.6 Special Precaution to User: See section 7.

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable.

15. Regulatory Information

15.1 Safety Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

U.S. Regulations:

Inventory Status: All components are on TSCA.

U.S. Superfund Amendments and Reauthorization Act (SARA) Title III:

SARA (311/312) Hazard Categories: Acute/Chronic

SARA 313: This product contains the following SARA 313 Toxic Release Chemicals.

Chemical Name	CAS Number	Concentration
Sodium Bifluoride	1333-83-1	5% ≤ C ≤ 15%
Zinc	7440-66-6	1% ≤ C ≤ 6%

16. Further Information

Abbreviations and Acronyms:

ACGIH = American Conference of Governmental Industrial Hygienists.

C = Concentration (weight percent).

DOT = Department of Transportation (United States).

IMDG = International Maritime Dangerous Goods Code.

IARC = International Agency for Research on Cancer.

OSHA = Occupational Safety & Health Administration.

PBT = Persistent, Bioaccumulative and Toxic Substances.

SAFETY DATA SHEET – ColorGo®

ppm = parts per million.

OELV = Occupational Exposure Limits Values.

TLV = Threshold Limit Values.

TSCA = Toxic Substance Control Act.

TWA = Time-Weighted Average.

vPvB = very Persistent and very Bioaccumulative Substances.

The information contained herein is accurate to the best of our knowledge. A. L. Wilson Chemical Company makes no warranty of any kind, express or implied, concerning the safe use of this material in your process or in combination with other substances.