

KEYLATE® COMO CLASSIC (2%)

Material Safety Data Sheet (rev.06/03)

SECTION I
PRODUCT IDENTIFICATION

NFPA HAZARD RATINGS HEALTH HAZARD 1 FIRE HAZARD 0 REACTIVITY 0 Based on the National Fire Protection Association rating system (0 = Minimal; 1 = Slight; 2 = Moderate; 3 = High; 4 = Severe)	
SARA/ TITLE III HAZARD CATEGORIES (See Section IX) Immediate (ACUTE) Health: NO Reactive Hazard: NO Delayed (Chronic) Health: YES Fire Hazard: NO Sudden Release of Pressure: NO	
Company Name:	STOLLER USA, INC.
Address:	STOLLER ENTERPRISES, INC. 4001 West Sam Houston Pkwy N. Houston, Texas 77043 U.S.A.
Emergency Phone Number:	CHEMTREC 1-800-424-9300
Phone Number for Information:	1 (800) 539-5283 or 1 (713) 461-1493
Chemical Family:	Organic salt solution
Chemical Name & Synonyms:	N/ A, mixture
Formula:	Proprietary
Trade name & Synonyms:	COMO

SECTION II
COMPOSITION/ INFORMATION ON INGREDIENTS

INGREDIENTS:	CAS#	Approx. %	TLV
Molybdcic Oxide	1313-27-5	7.6	5 mg/ m ³ as Mo
Cobalt sulfate	10124-43-3	2.5	100 mg/ m ³ as Co

SECTION III
HAZARD IDENTIFICATION

A. EXPOSURE LIMITS: 1. OSHA Permissible Exposure Limit (PEL): 5 mg/ m ³ as Mo 2. Threshold Limit Value (TLV): 100 mg/ m ³ as Co; 5 mg/ m ³ as Mo B. CARCINOGEN OR POTENTIAL CARCINOGEN: C. EFFECTS OF OVEREXPOSURE: 1. ACUTE: EYES: Potential mild irritation. SKIN: Potential mild irritation. INHALATION: Potential mild irritation to respiratory tract. INGESTION: Abdominal distress, nausea, respiratory depression. 2. CHRONIC: Kidney damage may occur from chronic overexposure.

SECTION IV
FIRST- AID MEASURES

A. EMERGENCY FIRST AID PROCEDURES: EYES: Immediately flush with plenty of water for at least 15 minutes. Seek medical attention. SKIN: Wash thoroughly with soap and water. Seek medical attention if inflammation occurs. INHALATION: Remove from exposure area if irritation exists from mists or in the event of massive inhalation. Seek medical attention. INGESTION: Give at least two glasses of milk or water and induce vomiting. Get medical attention.
B. ANIMAL TOXICITY DATA: Oral LD ₅₀ (rat): Cobalt sulfate: 768 mg/ Kg Toxicity Data: Cobalt sulfate LD ₅₀ (ivn- dog): 16 mg/ Kg

SECTION V

FIRE AND EXPLOSION DATA

FLASH POINT:	N/ A	LEL:	UEL:
FLAMMABLE LIMITS:	N/ A		
EXTINGUISHER MEDIA:	All means to fight surrounding fire (water, CO ₂ , dry chemicals).		
SPECIAL FIRE FIGHTING PROCEDURES:	Wear self- contained breathing apparatus.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Toxic fumes may be generated at elevated temperatures.		

SECTION VI

ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED: Collect and contain for salvage or disposal. Absorb waste on inert media and dispose of as a solid waste.

SECTION VII

HANDLING AND STORAGE

Keep lid tightly closed. Store in dry area, above freezing and below 38°C (100°F), out of direct sunlight. Keep out of reach of children. Mix well before using.

SECTION VIII

SPECIAL PROTECTION / CONTROL MEASURES

RESPIRATORY PROTECTION: As required by conditions. Use an OSHA or NIOSH approved respirator if required.

VENTILATION: General ventilation is usually adequate. Local exhaust should be used if needed for safe, comfortable working conditions.

OTHER SPECIAL CLOTHING/ EQUIPMENT: An eye bath and washing facilities should be available. Wash thoroughly after handling. Do not smoke, eat or chew gum when handling chemicals.

SECTION IX

PHYSICAL AND CHEMICAL CHARACTERISTICS

BOILING POINT:	110°C	VAPOR PRESSURE (mm/Hg):	Not Known
MELTING POINT:	N/ A	VAPOR DENSITY (air = 1):	>1
SPECIFIC GRAVITY:	1.2	REACTIVITY IN WATER:	N/ E
SOLUBILITY IN WATER:	>99%	EVAPORATION RATE:	<1
APPEARANCE AND ODOR:	Clear purplish liquid with a neutral odor.		

SECTION X

PHYSICAL HAZARDS (REACTIVITY DATA)

STABILITY:	Stable: Yes	Unstable:
CONDITIONS TO AVOID:	N/ A	
INCOMPATIBILITY, MATERIALS TO AVOID:	Unknown	
HAZARDOUS DECOMPOSITION PRODUCTS:	SO ₂ and metal oxides may be evolved at high temperatures.	
MAY OCCUR:	WILL NOT OCCUR: X	

SECTION XI**TOXICOLOGICAL INFORMATION**

- A. **TOXICITY DATA:**
- B. **CARCINOGENICITY:**
- C. **MUTAGENICITY:**
- D. **REPRODUCTIVE TOXICITY:**

SECTION XII**ENVIRONMENTAL EFFECTS DATA**

To aid our customers in complying with regulatory requirements, SARA Title III hazard categories for this product are indicated in Section I. If the word "YES" appears next to any category, this product may be reportable by you under the requirements of 40 CFR Part 370. Please consult those regulations for details.

SECTION XIII**DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL METHODS: Follow all applicable Federal, State and Local laws concerning health and environment.

SECTION XIV**TRANSPORTATION DATA**

PROPER SHIPPING NAME: COMO
DOT HAZARD CLASS: NON- HAZARDOUS
PLACARD: N/ A