

# SAFETY DATA SHEET

Date Prepared : 05/22/2015

SDS No : Kamo Manufacturing Co. Inc.\_Sunrise

## Sunrise

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Sunrise

**GENERAL USE:** Preparing wood floors prior to sealing/finishing.

**PRODUCT DESCRIPTION:** Waterbased Wood Floor Cleaner

**CHEMICAL FAMILY:** Solvent/detergent blend

#### DISTRIBUTOR

Kamo Manufacturing Co. Inc.

PO Box 1525

Augusta, GA 30903

**Customer Service:** 706-724-1488

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Eye Irritation, Category 2B

Skin Irritation, Category 3

##### Physical:

Combustible Liquid, Category 4

#### GHS LABEL

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H320: Causes eye irritation.

H316: Causes mild skin irritation.

H227: Combustible liquid.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P264: Wash hands thoroughly after handling.

P262: Do not get in eyes, on skin, or on clothing.

P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

9281MBFX: Wear protective gloves and eye protection.

##### Response:

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

P337+P313: If eye irritation persists: Get medical advice/attention.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P370+P378: In case of fire: Use dry chemical, foam or water mist to extinguish.

##### Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Blue liquid

**IMMEDIATE CONCERNS:** Eye irritant

#### POTENTIAL HEALTH EFFECTS

**EYES:** Contact causes eye irritation.

**SKIN:** Skin irritant with prolonged or repeated contact.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

**INHALATION:** High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches)

#### REPRODUCTIVE TOXICITY

**REPRODUCTIVE EFFECTS:** No known significant effects or critical hazards.

**TERATOGENIC EFFECTS:** No known significant effects or critical hazards.

**CARCINOGENICITY:** Contains an ingredient listed under IARC Group 3 status.

**MUTAGENICITY:** No known significant effects or critical hazards.

**ROUTES OF ENTRY:** Ingestion, eye

**CANCER STATEMENT:** Contains an ingredient listed under IARC Group 3 status.

**WARNING CAUTION LABELS:** None

**PHYSICAL HAZARDS:** None Expected.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Isopropanol	0 - 2	67-63-0
Ethylene glycol butyl ether	5 - 10	111-76-2
Sodium Lauryl Sulfate	0 - 1	151-21-3
Dye	< 0.1	N/A
Water	90 - 98	7732-18-5

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Burning sensation with tearing, redness.

**SKIN:** Redness and itching sensation.

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE TOXICITY:** None known.

**CHRONIC EFFECTS:** No known significant effects or critical hazards.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** IIIA (140-200F)

**GENERAL HAZARD:** Combustible Liquid

**EXTINGUISHING MEDIA:** Use Dry chemical, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide from combustion

**EXPLOSION HAZARDS:** Fire exposed containers may burst due to increased pressure from heat.

**FIRE FIGHTING PROCEDURES:** Keep fire exposed containers cool with water stream or mist.

**FIRE FIGHTING EQUIPMENT:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition can lead to release of irritating gases and vapors.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Shut off any ignition sources. Avoid walking in product. Wipe up or otherwise flush small spills (less than 1 gallon) to sanitary sewer.

**LARGE SPILL:** Shut off all ignition sources. Ventilate area. Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**AIR SPILL:** NA = Not Applicable

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Avoid contact with skin and eyes. Wash hands before eating, drinking, smoking or using toilet facilities.

**STORAGE:** Store in closed container in an area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Isopropanol	TWA	400	980	200	490	NL	NL
	STEL			400	960	NL	NL
Ethylene glycol butyl ether	TWA	50	240	20	97	NL	NL
	STEL					NL	NL

**ENGINEERING CONTROLS:** Use in well ventilated area.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Safety glasses with side shields.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.

**PROTECTIVE CLOTHING:** No special requirements.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid  
**ODOR:** Characteristic.  
**ODOR THRESHOLD:** Not Established  
**COLOR:** Blue  
**pH:** 10.5 to 12.0  
**PERCENT VOLATILE:** >98  
**FLASH POINT AND METHOD:** ~ 64°C (147°F) Tag Closed Cup (TCC)  
**FLAMMABLE LIMITS:** 2.0 to 12.0  
**AUTOIGNITION TEMPERATURE:** NA = Not Applicable  
**VAPOR PRESSURE:** ~ 20 mm Hg at (68°F)  
**VAPOR DENSITY:** > 1 Air = 1  
**BOILING POINT:** 212° F; 100° C  
**FREEZING POINT:** 32° F; 0° C  
**THERMAL DECOMPOSITION:** Not Established  
**SOLUBILITY IN WATER:** Complete  
**EVAPORATION RATE:** (Water =1) <1.0  
**DENSITY:** 8.19 at (68°F)  
**SPECIFIC GRAVITY:** 0.981 grams/ml.  
**VISCOSITY:** Water thin.  
**(VOC):** ≤ 13.130 % by weight

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Yes  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**STABILITY:** Stable under normal storage and use conditions.  
**CONDITIONS TO AVOID:** Strong oxidizing materials.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.  
**INCOMPATIBLE MATERIALS:** Strong oxidizers

## 11. TOXICOLOGICAL INFORMATION

### ACUTE

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Isopropanol	5045 mg/kg (rat)	12800 mg/kg (rabbit)	16000 ppm
Ethylene glycol butyl ether	1300 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 3.1 mg/l
Sodium Lauryl Sulfate	1200 mg/kg (rat)	> 2000 to 20000 mg/kg (rabbit)	> 3900 mg/m <sup>3</sup> (rat)

**EYES:** Not Established  
**DERMAL LD<sub>50</sub>:** Not Established  
**SKIN ABSORPTION:** Not Established  
**INHALATION LC<sub>50</sub>:** Not Established

**EYE EFFECTS:** Moderate to severe eye irritant.

**SKIN EFFECTS:** May irritate skin with prolonged or repeated contact.

**CHRONIC:** No known significant effects or critical hazards.

**CARCINOGENICITY**

Chemical Name	NTP Status	IARC Status	OSHA Status
Ethylene glycol butyl ether	No listed substance	Group 3 - Not classifiable as to its carcinogenicity to Humans	No listed substance

**IRRITATION:** Not Established

**SENSITIZATION:** No known significant effects or critical hazards.

**NEUROTOXICITY:** Not Established

**REPRODUCTIVE EFFECTS:** Not Established

**TARGET ORGANS:** May cause damage to blood, Kidney, liver with prolonged or repeated exposure to high concentrations of vapors.

**MUTAGENICITY:** No known significant effects or critical hazards.

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and its containers should be treated as hazardous waste based on the characteristics of ignitibility as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal into public sewer.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**U.S. CUSTOMS HARMONIZATION NUMBER:** 3402.90.10.00

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Contact manufacturer for more information.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Health - Acute

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** 2-butoxyethanol 111-76-2 (Category: N230 Certain Glycol Ethers)

**EPCRA SECTION 313 SUPPLIER NOTIFICATION**

Chemical Name	Wt.%	CAS
Ethylene glycol butyl ether	5 - 10	111-76-2

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Isopropanol	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance
Ethylene glycol butyl ether	Massachusetts Right to Know Substance Pennsylvania Right to Know Substance New Jersey Right To Know Substance
Sodium Lauryl Sulfate	New Jersey Right To Know Substance Pennsylvania Right to Know Substance

**CALIFORNIA PROPOSITION 65:** No listed substance

**CARCINOGEN:**

The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of 2-butoxyethanol in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans).

**16. OTHER INFORMATION**

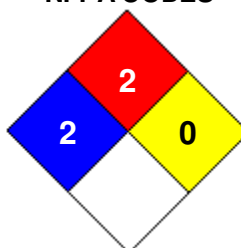
**PREPARED BY:** Regulatory Affairs Department

**Date Prepared:** 05/22/2015

**HMIS RATING**

<b>HEALTH</b>		2
<b>FLAMMABILITY</b>		2
<b>PHYSICAL HAZARD</b>		0
<b>PERSONAL PROTECTION</b>		B

**NFPA CODES**



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