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Stravari,  
a Global Music Products  
1856 N Nob Hill Road  
Fort Lauderdale, FL 33322  
Telephone: 954-405-0165

**OLD MASTER BOW HAIR CLEANER**

SDS Original Preparation Date: 1/12/2018 Updated 05/20/2021

**SAFETY DATA SHEET**

**SECTION 1. IDENTIFICATION**

**Product identifier used on the label**

**OLD MASTER BOW HAIR CLEANER**

**Product Code(s)**

CPBH3  
Bottle: 3 oz

**Recommended use of the chemical, chemical mixture and restrictions on use**

**Chemical Family**

Mixture – aloe vera, vegetable glycerin, isopropyl alcohol  
Cleaning horsehair on string  
instrument bows

**Restriction on use:** None known

**Name, address, and telephone number of the manufacturer:**

**Global Music Products dba Stravari**

1856 N Nob Hill Road Fort Lauderdale FL 33322

Telephone # : 954-405-0165

**In Case of Emergency Call:** CHEMTREC - 800-424-9300 (24 Hours/Day, 7 Days/Week)

**SECTION 2. HAZARDS IDENTIFICATION**

**Classification of the chemical**

Clear colorless liquid. Alcohol odor.

This product is sold as a personal care item that is safe for consumers and other users under normal and reasonably foreseeable use. As such, it is not regulated under Hazcom 2012/WHMIS 2015 labeling and SDS requirements do not apply.

**Label elements**

*Hazard pictogram(s)*

None required under U.S. OSHA Hazcom 2012 and Canadian WHMIS 2015 regulations.

*Signal Word*

Not required

*Hazard statement(s)*

Not required

*Precautionary statement(s)*

Not required

**Other hazards**

None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Mixture

<u>Chemical name</u>	<u>Common name and synonyms</u>	<u>CAS #</u>	<u>Concentration (% by weight)</u>
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Isopropanol	Isopropyl alcohol 2-Propanol	67-63-0	70.00
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### SECTION 4. FIRST-AID MEASURES

#### Description of first aid measures

- Ingestion* : Harmful effects are not expected under normal usage. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Inhalation* : Harmful effects are not expected under normal usage. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Skin contact* : Harmful effects are not expected under normal usage. If skin irritation or rash occurs: Get medical advice/attention.
- Eye contact* : If in eyes: Rinse cautiously with water for several minutes. If eye irritation persists: get medical advice/attention.

#### Most important symptoms and effects, both acute and delayed

- : None expected, when used as intended.

#### Indication of any immediate medical attention and special treatment needed

- : Treat symptomatically.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

- Suitable extinguishing media* : Dry chemicals. Foam. Carbon dioxide (CO<sub>2</sub>). Water or fog spray.

- Unsuitable extinguishing media* : Do not use water jet as extinguisher, as this will spread the fire.

#### Special hazards arising from the substance or mixture / Conditions of flammability

- : Highly flammable liquid and vapor.

#### Flammability classification (OSHA 29 CFR 1910.106)

- : Flammable Liquids - Category 2

#### Hazardous combustion products

- : Carbon oxides

#### Special protective equipment and precautions for firefighters

- Protective equipment for fire-fighters* : Firefighters should wear an approved full-face, self-contained breathing apparatus (SCBA) and impervious clothing.

- Special fire-fighting procedures* : Cool containers exposed to heat with water spray and remove container, if no risk is involved.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

- : Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment.

#### Environmental precautions

- : Avoid release to the environment.

#### Methods and material for containment and cleaning up

- : Wipe up with absorbent material (e.g. cloth, fleece).

#### Special spill response procedures

- : Not applicable.

### SECTION 7. HANDLING AND STORAGE



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: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources - No smoking. Do not ingest or swallow. Observe good industrial hygiene practices.  
**Conditions for safe storage** : Keep containers closed when not in use.  
**Incompatible materials** : Strong oxidizing agents. Acids.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Chemical Name</u>	<u>ACGIH TLV</u>		<u>OSHA PEL</u>	
	<u>TWA</u>	<u>STEL</u>	<u>PEL</u>	<u>STEL</u>
Isopropanol	200 ppm	400 ppm	400 ppm (980 mg/m <sup>3</sup> )	N/Av

#### Exposure controls

##### Ventilation and engineering measures

: None required under normal conditions.

**Respiratory protection** : None required under normal conditions.

**Skin protection** : None required under normal conditions.

**Eye / face protection** : None required under normal conditions.

**Other protective equipment** : None required when used as intended.

##### General hygiene considerations

: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Clear colorless liquid.

**Odor** : Alcohol odor.

**Odor threshold** : Not available.

**pH** : 7

**Melting/Freezing point** : Not available.

##### Initial boiling point and boiling range

: 82.22-100°C (180-212°F)

**Flash point** : 11.7°C (53°F)

**Flashpoint (Method)** : Closed cup

**Evaporation rate (BuAe = 1)** : 2

**Flammability (solid, gas)** : Not applicable.

**Lower flammable limit (% by vol.)**  
: 2%

**Upper flammable limit (% by vol.)**  
: 12%

**Oxidizing properties** : Not applicable

**Explosive properties** : Not explosive



**Vapor pressure** : Not available.  
**Vapor density** : 2.5

**Relative density / Specific gravity**

: 0.79

**Solubility in water** : Complete

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Other solubility(ies) : Not available.  
Partition coefficient: n-octanol/water or Coefficient of water/oil distribution  
: Not available.  
Auto-ignition temperature : Not available.  
Decomposition temperature : Not available.  
Viscosity : Not available.  
Volatiles (% by weight) : Not available.  
Volatile organic Compounds (VOC's)  
: Not available.  
Absolute pressure of container  
: Not available.  
Flame projection length : Not available.  
Other physical/chemical comments  
: None known or reported by the manufacturer.

### SECTION 10. STABILITY AND REACTIVITY

Reactivity : The product is stable and non-reactive under normal conditions of use, storage and transport.  
Chemical stability : Material is stable under normal conditions.  
Possibility of hazardous reactions  
: Hazardous polymerization does not occur.  
Conditions to avoid : Keep away from heat, sparks and open flames.  
Incompatible materials : See Section 7 (Handling and Storage) for further details.  
Hazardous decomposition products  
: See Section 5 (Fire Fighting Measures).

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure:

Routes of entry inhalation : YES  
Routes of entry skin & eye : YES  
Routes of entry Ingestion : YES

Routes of exposure skin absorption  
: YES

#### Potential Health Effects:

##### Signs and symptoms of short-term (acute) exposure

Signs and symptoms ingestion: None expected when used as intended  
Signs and symptoms of inhalation: None expected when used as intended  
Mutagenicity : Not expected to be mutagenic.  
Carcinogenicity : This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.



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### Reproductive effects & Teratogenicity

: This product is not expected to cause reproductive or developmental effects.

**Sensitization to material** : Not expected to be a skin or respiratory sensitizer.

**Specific target organ effects** : None expected, when used as intended.

### Medical conditions aggravated by overexposure

: None reported by the manufacturer.

**Synergistic materials** : None reported by the manufacturer.

**Toxicological data** : See below for individual ingredient acute toxicity data.

<u>Chemical name</u>	<u>LC<sub>50</sub>(4hr)</u> <u>inh, rat</u>	<u>LD<sub>50</sub></u>	
		<u>(Oral, rat)</u>	<u>(Rabbit, dermal)</u>
Isopropanol	17 000 ppm (41.8 mg/L) (vapor)	4720 mg/kg	12 890 mg/kg

### Other important toxicological hazards

: None known or reported by the manufacturer.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity** : The product is not classified as environmentally hazardous. Avoid release to the environment.

### Ecotoxicity data:

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Fish</u>		
		<u>LC50 / 96h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Isopropanol	67-63-0	9640 mg/L (Fathead minnow)	N/Av	None.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Daphnia</u>		
		<u>EC50 / 48h</u>	<u>NOEC / 21 day</u>	<u>M Factor</u>
Isopropanol	67-63-0	> 10 000 mg/L/24hr (Daphnia magna)	30 mg/L	None.

<u>Ingredients</u>	<u>CAS No</u>	<u>Toxicity to Algae</u>		
		<u>EC50 / 96h or 72h</u>	<u>NOEC / 96h or 72h</u>	<u>M Factor</u>
Isopropanol	67-63-0	N/Av	N/Av	None.

### Persistence and degradability

: Not available.

### Bioaccumulation potential

: Not available.

<u>Components</u>	<u>Partition coefficient n-octanol/water (log Kow)</u>	<u>Bioconcentration factor (BCF)</u>
Isopropanol (CAS 67-63-0)	0.05	1.0

**Mobility in soil** : None known.



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**Other Adverse Environmental effects**  
: None known or reported by the manufacturer.

### SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal** : Dispose of in accordance with local regulations.  
**Methods of Disposal** : Dispose of in accordance with local regulations.  
**RCRA** : Not applicable.

### SECTION 14. TRANSPORT INFORMATION

Regulatory Information	UN Number	UN proper shipping name	Transport hazard class(es)	Packing Group	Label
49CFR/DOT  <b>49CFR/DOT Additional information</b>	UN1219	ISOPROPANOL; or  ISOPROPYL ALCOHOL	LQ ground	II	
May be shipped as LIMITED QUANTITY when transported in quantities no larger than 1 Liter, in packages not exceeding 30 kg gross mass.					
ICAO/IATA  <b>ICAO/IATA Additional information</b>	ID8000	Consumer Commodity	9	none	 
Refer to ICAO/IATA Packing Instruction					
IMDG  <b>IMDG Additional information</b>	UN1993	FLAMMABLE LIQUID, N.O.S. (Isopropanol)	LQ ground	III	
Must be a consumer-type product, in Limited Quantity size. Package weight must not exceed 30 kg gross.					

**Special precautions for user** : Appropriate advice on safety must accompany the package.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
: Not established.

### SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

<u>Ingredients</u>	CAS #	TSCA Inventory	CERCLA Reportable Quantity(RQ) (40 CFR 117.302):	SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355:	SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical	
					Toxic Chemical	minimums Concentration
Isopropanol	67-63-0	Yes	None.	None.	Yes	1%



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SARA TITLE III: Sec. 313, Toxic Chemicals Notification, 40 CFR 372: Flammable; Eye irritation ;Specific target organ toxicity, single exposure. Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

<u>Ingredients</u>	CAS #	California Proposition 65		State "Right to Know" Lists					
		Listed	Type of Toxicity	CA	MA	MN	NJ	PA	RI
Isopropanol	67-63-0	No	N/Ap	Yes	Yes	Yes	Yes	Yes	Yes

**Canadian Information:**

All components of this product are on the Canadian DSL list.  
WHMIS Classification: See Section 2.

**International Information:**

Components listed below are present on the following International Inventory list:

<u>Ingredients</u>	CAS #	European EINECS	Australia AICS	Philippines PICCS	Japan ENCS	Korea KECI/KECL	China IECSC	NewZealand IOC
Isopropanol	67-63-0	200-661-7	Present	Present	(2)-207	KE-29363	Present	HSR001180





## SECTION 16. ADDITIONAL SPECIFICATIONS

### **EU 7.1 Precautions for Safe Handling**

In the event of exposure, the following steps should be taken to prevent serious health hazards:

Eye Contact - Remove contact lenses if present. Flush eyes with water or a regular saline solution for at least 20 minutes and seek medical attention.

Skin Contact - Remove and isolate all contaminated clothing and wash skin thoroughly with soap and water. Seek medical attention if skin irritation or redness occurs.

Inhalation – The affected individual should be removed from the area immediately and brought into fresh air. Seek medical attention immediately if any breathing problems are present.

Ingestion - If victim is conscious, give 1-2 glasses of water to dilute the alcohol. Do not induce vomiting, as there is risk of the chemical being aspirated into the lungs while vomiting. Seek medical attention immediately.

### **EU 7.2 Conditions for Safe Storage**

Old Master String Cleaner should be stored in a tightly closed container in a cool, dry, well-ventilated area. Keep away from including heat, sparks, and flames.

### **EU 7.3 Specific Uses**

Cleaning bow hair on stringed instruments such as violin, viola, cello and bass musical instruments.

### **EU 8.1 Control Parameters**

Isopropyl Alcohol (2-Propanol) (67-63-0)

ACGIH ACGIH TWA (ppm) 200 ppm

ACGIH ACGIH STEL (ppm) 400 ppm

NIOSH NIOSH REL (TWA) (mg/m<sup>3</sup>) 980 mg/m<sup>3</sup>

NIOSH NIOSH REL (TWA) (ppm) 400 ppm

NIOSH NIOSH REL (STEL) (mg/m<sup>3</sup>) 1225 mg/m<sup>3</sup>

NIOSH NIOSH REL (STEL) (ppm) 500 ppm

### **EU 8.2 Limitation and Monitoring of Exposure**

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L DOT

Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L

### **EU 9.1 Information on Physical and Chemical Properties**

Chemical formula: C<sub>3</sub>H<sub>8</sub>O

Flash point: 53°F

Auto ignition temperature: 455. 6°C

Solubility: Miscible with water, alcohol, ether, and chloroform

### **EU 9.2 Information on Physical and Chemical Properties**

Colorless liquid with slight odor resembling that of rubbing alcohol



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**EU 10.1 Reactivity**

Refer to Section 10 Above.

**EU 10.2 Chemical stability**

Refer to Section 10 Above.

**EU 10.3 Possibility of hazardous reactions**

Refer to Section 10 Above.

**EU 10.4 Conditions to avoid**

Refer to Section 10 Above.

**EU 10.5 Incompatible materials**

Refer to Section 7 Above.

**EU 10.6 Hazardous decomposition products**

Refer to Section 5 Above.

**EU 11.1 Information on the hazard classes according to Regulation (EC) No. 1272/2008**

Refer to section 11 Above.

**EU 11.2 Information on other dangers**

No other dangers have been identified other than those listed in this SDS.

**EU 12.1 Toxicity, EU 12.2 Persistence and degradability, 12.3 Bioaccumulative potential, 12.4 Mobility in soil, 12.5 Results of PBT and vPvB assessment, 12.6 Endocrine disrupting properties 12.7 Other adverse effects**

Refer to section 12 above.

**EU Disposal considerations 13.1 Waste treatment methods**

Refer to question 13 above.

**EU Transportation Information 14.1 – 14.7**

Refer to section 14 above.

**EU Regulatory 15.1 – 15.2**

Refer to section 15 above.

**EU Other Information 16.1**

Not applicable



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## **DISCLAIMER**

Safety Data Sheet ("SDS") is correct to the best of our knowledge, information and belief at the date of publication. The information in this SDS relates only to the specific Product identified under Section 1, and does not relate to its use in combination with other materials or products, or its use as to any particular process. Those handling, storing or using the Product should satisfy themselves that they have current information regarding the particular way the Product is handled, stored or used and that the same is done in accordance with federal, state and local law. WE DO NOT MAKE ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING (WITHOUT LIMITATION) WARRANTIES WITH RESPECT TO THE COMPLETENESS OR CONTINUING ACCURACY OF THE INFORMATION CONTAINED HEREIN OR WITH RESPECT TO FITNESS FOR ANY PARTICULAR USE. WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, INJURY, DAMAGE OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH THE HANDLING, STORAGE, USE OR DISPOSAL OF THIS PRODUCT.

