

SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.	HMIS HAZARD RATING			
Cough Zero Inc.	HEALTH	2	0 = INSIGNIFICANT	3 = HIGH
	FLAMMABILITY	3	1 = SLIGHT	4 = EXTREME
	REACTIVITY	0	2 = MODERATE	

SECTION 1 - PRODUCT / COMPANY IDENTIFICATION

IDENTITY (AS USED ON LABEL AND LIST) Hand Aid		Page 1 of 2	
MANUFACTURER'S NAME Cough Zero / Shair Labs / Cosmed Labs		EMERGENCY TELEPHONE NUMBER (24 Hours) (502) 565-4182	
ADDRESS (NUMBER, STREET, P.O. BOX) 1416 Lytle Street		TELEPHONE NUMBER FOR INFORMATION (502) 565-4182	
(CITY, STATE AND ZIP CODE) Louisville, KY 40203		DATE PREPARED	March 27, 2020

SECTION 2 - HAZARDOUS IDENTIFICATION

ROUTES OF ENTRY - SIGNS AND SYMPTOMS OF EXPOSURE	
INHALATION: High concentrations of vapor can irritate respiratory tract, are anesthetic and may cause CNS depression.	
EYES: Vapor irritates eyes.	
INGESTION: Can cause depression of CNS, nausea, vomiting and/or diarrhea.	
HEALTH HAZARDS (ACUTE):	Acute effects are possible irritation and discomfort.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Preexisting skin, eye, or respiratory disorders may become aggravated through prolonged exposure.	

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S))	CAS #	% (wt.) (OPTIONAL)	OSHA PEL/STEL		ACGIH TLV/TWA/STEL	
			PPM	MG/M ³	PPM	MG/M ³
Ethyl Alcohol	64-17-5	76-82	1000 (PEL)		1000 (TLV)	

This product is not known to contain a substance subject to Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR 372 at or above minimal amounts.

SECTION 4 - FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES	
INHALATION: Move patient to fresh air. Seek immediate medical attention if individual is severely overcome by overexposure to vapors. Overexposure is most likely to occur when dealing with large quantities in an enclosed space with inadequate ventilation.	
EYES: Flush eyes immediately with clean water for at least fifteen minutes.	
INGESTION: If ingested, call a physician immediately.	

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT (METHOD USED) 81°F (TOC)	FLAMMABLE LIMITS (% Volume in Air for Lowest Flashing Component) LEL: 3.3 UEL: 19
EXTINGUISHING MEDIA Dry chemicals, alcohol-type or all-purpose foam, CO ₂	
SPECIAL FIRE FIGHTING PROCEDURES Use water spray to cool fire-exposed containers and structures. Use water spray to disperse vapors; re-ignition is possible.	
UNUSUAL FIRE AND EXPLOSIVE HAZARDS Flammable gel. Toxic gases (such as carbon monoxide and formaldehyde) may be released in a fire. Concentrated vapors may be flammable.	

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED	
Small spills: Eliminate all ignition sources. Ventilate the area. Clean area by flushing with water. Large spills: Eliminate all ignition sources. Ventilate the area. Absorb onto inert medium and collect in an approved container.	

SECTION 7 - HANDLING AND STORAGE

Handling: All handling equipment should be electrically grounded. Do not allow persons to enter confined areas. Storage: Usual precautions for flammable liquids. Store in dry, cool, well ventilated area away from incompatibles.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION Ordinary, none required	VENTILATION LOCAL EXHAUST: Required MECHANICAL (GENERAL): Yes	
PROTECTIVE GLOVES Ordinary, none required	EYE PROTECTION Splash proof goggles.	
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Suitable eyewash facility.	WORK/HYGIENIC PRACTICES Keep away from all ignition sources.	

SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT 79°C (175°F)	SPECIFIC GRAVITY (WATER = 1) 0.886
VAPOR PRESSURE (mm Hg) No data	MELTING POINT Not applicable
VAPOR DENSITY (AIR = 1) 1.59 (ALC)	pH 6.6 - 8.1
SOLUBILITY IN WATER Complete	EVAPORATION RATE (IPA = 1) 1.7 (ALC)
APPEARANCE AND ODOR Translucent light, green gel	% VOLATILES (BY VOLUME) 99.17

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SECTION 10 - STABILITY AND REACTIVITY

STABILITY	UNSTABLE:		CONDITIONS TO AVOID
	STABLE:	XXX	Extreme temperatures; sources of ignition.
INCOMPATIBILITIES (MATERIALS TO AVOID)			
Avoid strong oxidizing agents such as acetyl chloride, nitric acid and hydrogen peroxide.			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS			
Carbon dioxide is formed during combustion.			
HAZARDOUS POLYMERIZATION	MAY OCCUR:		CONDITIONS TO AVOID
	WILL NOT OCCUR:	XXX	Heat

SECTION 11 - TOXICOLOGICAL INFORMATION

Component analysis - LC50: N/A
Component analysis - LD50: N/A
Effects of acute exposure: Possible irritation and discomfort
Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Chronic Effects: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenity: Non-hazardous by WHMIS/OSHA criteria.
Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Teratogenity: Non-hazardous by WHMIS/OSHA criteria.

SECTION 12 - ECOLOGICAL INFORMATION

Component analysis - LC50: N/A
Component analysis - LD50: N/A
Ecotoxicity: N/A
Environmental Effects: N/A
Aquatic Toxicity: N/A
Persistence / degradability: N/A
Bioaccumulation / accumulation: N/A
Partition coefficient: N/A
Mobility in environmental media: N/A
Chemical fate information: N/A
Other adverse effects: N/A

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with Local, State, and Federal regulations. Products classified as non-hazardous may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Enviroment Parts 260-299" for complete waste disposal regulations. Consult your Local, State, or Federal Enviromental Protection Agency before disposing of any chemicals.
Waste from residues/unused product: N/A
Contaminated Packaging: N/A

SECTION 14 - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME	Flammable liquid, n.o.s. (Ethanol)		
HAZARD CLASS/PKG. GRP.	3 / III	REF.	173.150 (b) (c)
IDENTIFICATION NUMBER	UN1993	LABEL	None Required

SECTION 15 - REGULATORY INFORMATION

Canadian Federal Regulation: N/A
US Federal Regulation: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.
Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical- Yes
CERCLA (Superfound) reportable quantity - N/A
Superfound Amendments and Reauthorization Act of 1986 (SARA) - N/A
Clean Air Act (CAA) - N/A
Clean Water Act (CWA) - N/A
Safe Drinking Water Act (SDWA) - N/A
Drug Enforcement Agency (DEA) - N/A
Food and Drug Administration (FDA) - N/A
WHMIS classification - N/A
State regulations - N/A
Inventory Name - N/A

SECTION 16 - OTHER INFORMATION

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.
Date Prepared March 27, 2020