



# LABS SMB - E

## MATERIAL SAFETY DATA SHEET

DATE PREPARED: 01/01/2020

1. CHEMICAL PRODUCT IDENTIFICATION: <b>LABS S.M.B. - E</b>		<b>EMERGENCY TELEPHONE NUMBER</b>	
General Use: <b>MILL SANITATION COMPOUND FOR SUGAR CANE JUICE</b>		<b>LABS 502-4021-2325</b>	
2. COMPOSITION/INFORMATION ON INGREDIENTS			
OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)		EXPOSURE LIMITS 8 HRS. TWA (PPM)	
Component	Hazard	CAS#	ACGIH TLV
<b>SODIUM DIMETHYL DITHIOCARBAMATE</b>	<b>IRRITANT</b>	<b>128-04-1</b>	<b>NONE LISTED</b>
<b>SODIUM DIETHYL DITHIOCARBAMATE</b>	<b>IRRITANT</b>	<b>142-59-6</b>	<b>NONE LISTED</b>
3. HAZARDS IDENTIFICATION			
EMERGENCY OVERVIEW: <b>THIS WATER BASED PRODUCT IS AN IRRITANT.</b>			
POTENTIAL HEALTH EFFECTS			
INHALATION:	<b>SPRAY, MIST OR VAPORS MAY BE IRRITATING.</b>	EYE CONTACT:	<b>MAY BE IRRITATING TO THE EYES.</b>
INGESTION:	<b>MAY CAUSE NAUSEA AND VOMITING.</b>	CHRONIC:	<b>N.D.</b>
SKIN CONTACT:	<b>SLIGHT IRRITANT TO THE SKIN.</b>	TARGET ORGANS:	<b>POINT OF CONTACT.</b>
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: <b>N.D.</b>			
4. FIRST AID MEASURES			
INHALATION:	<b>REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.</b>	SKIN CONTACT:	<b>WASH WITH SOAP AND WATER.</b>
EYE CONTACT:	<b>RINSE WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.</b>	INGESTION:	<b>DRINK COPIOUS AMOUNTS OF WATER. GET MEDICAL ATTENTION.</b>
NOTES TO PHYSICIAN: <b>N.D.</b>			
5. FIRE FIGHTING MEASURES			
Flashpoint (°F) and Method:	<b>WATER SOLUTION - DOES NOT BURN.</b>	Autoignition Temperature (°F):	<b>NA</b>
FLAMMABLE LIMITS:	Ingredient: <b>NONE</b>	UEL:	<b>N/A</b>
GENERAL HAZARD:	<b>THIS PRODUCT CONTAINS CARBAMATES WHICH MAY CAUSE NOXIOUS FUMES.</b>	FIRE FIGHTING EQUIPMENT:	<b>WEAR SELF CONTAINED BREATHING APPARATUS.</b>
FIRE FIGHTING INSTRUCTIONS:			
EXTINGUISHING MEDIA:			
Foam:	<b>YES</b>	Alcohol Foam:	<b>YES</b>
Dry Chemical:	<b>YES</b>	Water:	<b>YES</b>
		CO2:	<b>YES</b>
		Other:	<b>YES</b>
HAZARDOUS COMBUSTION PRODUCTS: <b>OXIDES OF NITROGEN, SULFUR, CARBON DIOXIDE AND CARBON MONOXIDE.</b>			
NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATINGS:			
	0 – Insignificant	1 – Slight	2 – Moderate
	4 – Extreme	U – Unknown	* - No Information
Health	<b>:1</b>		
Flammability	<b>:0</b>		
Reactivity	<b>:0</b>		
SPECIAL INFORMATION: <b>NONE</b>			

**N/A: Not Applicable**

**N/D: Not Determined**

**N/E: Not Established**

\* Where no corresponding data was contained in manufacturer's MSDS, additional research is required and is available upon request.

**6. ACCIDENTAL RELEASE MEASURES**

LAND SPILL: **COLLECT, ABSORB AND DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL GUIDELINES.** WATER SPILL: **CONTACT THE APPROPRIATE AUTHORITIES.**

**7. HANDLING AND STORAGE**

STORAGE TEMPERATURE (°F): **ROOM TEMPERATURE** STORAGE PRESSURE: **ATMOSPHERIC**  
 GENERAL: **STORE IN A COOL, DRY AREA. KEEP CONTAINER CLOSED, KEEP FROM FREEING AND WASH AFTER HANDLING.**

**8. EXPOSURE CONTROL/PERSONAL PROTECTION**

ENGINEERING CONTROLS: **LOCAL EXHAUST - USE WITH ADEQUATE VENTILATION.**

PERSONAL PROTECTION: **GOGGLES**

RESPIRATOR: **ORGANIC VAPOR CARTRIDGE MASK.** PROTECTIVE CLOTHING: **RUBBER GLOVES**

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Vapor Pressure (mmHg)	:	<b>N/A</b>	pH	:	<b>10.25 12.5</b>
Specific Gravity (Water=1)	:	<b>1.20</b>	Odor	:	<b>CHARACTERISTIC SULFUR</b>
Solubility in Water	:	<b>COMPLETE</b>	Appearance	:	<b>YELLOW GREEN</b>
Freezing Point	:	<b>N.D.</b>	Physical State	:	<b>LIQUID</b>
Evaporation Rate (BuAc=1)	:	<b>N.D.</b>	Vapor Density (Air=1)	:	<b>N.D.</b>
Viscosity	:	<b>N.D.</b>	Percent Volatile by Vol	:	<b>N.D.</b>
Boiling Point (°F)	:	<b>N.D.</b>			

**10. STABILITY AND REACTIVITY**

GENERAL: **STABLE**  
 INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: **MINERAL ACIDS - SULFURIC, HYDROCHLORIC AND NITRIC.**  
 HAZARDOUS DECOMPOSITION PRODUCTS: **NONE**

**11. TOXICOLOGICAL INFORMATION**

CARCINOGENIC INFORMATION: **THIS PRODUCT CONTAINS LESS THAN 1% ETHYLENE THIOUREA WHICH HAS BEEN DETERMINED TO BE A CARCINOGEN IN LABORATORY ANIMALS.**  
 CAS#: **96-45-7** % WT.: **N/A**  
 IARC: **NOT LISTED** NTP: **NOT LISTED** OSHA: **NOT LISTED** ACGIH: **NOT LISTED** OTHER: **NOT LISTED**

**12. ECOLOGICAL INFORMATION: N.D.**

**13. DISPOSAL CONSIDERATION:**

RCRA Hazard Class: **NOT LISTED**

**14. TRANSPORT INFORMATION:**

**DOT (Department of Transportation)**  
 PROPER SHIPPING NAME: **NOT DOT REGULATED** Identification Number: **NONE**  
 Hazard Class: **NONE**

**15. REGULATORY INFORMATION**

**TSCA (Toxic Substance Control Act): ALL COMPONENTS ARE LISTED ON THE TSCA INVENTORY.**

**CERCLA (Comprehensive Environmental Response Compensation, and Liability Act) NONE LISTED**

**SARA TITLE III (Superfund Amendments and Reauthorization Act)**

311/312 Hazard Categories: **NONE LISTED**  
 313 Reportable Ingredients: **NONE LISTED**

**FDA: US code of Federal Regulations 21 CFR 173.320**

**16. OTHER INFORMATION**

REFERENCE: **PRODUCT FILE #F**

THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL. IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE.

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