



# LABS QUAT - 80

## MATERIAL SAFETY DATA SHEET

DATE PREPARED: 01/01/2020

1. CHEMICAL PRODUCT IDENTIFICATION <b>LABS QUAT-80</b>					
General Use: <b>BIOCIDE FOR COOLING WATER</b>			<b>EMERGENCY TELEPHONE NUMBER: 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#	OSHA STEL	OSHA PEL	ACGIH TLV
ALKYL DIMETHYLBENZEAMMONIUM CHLORIDE	IRRITANT	63449-41-2	N.D.	N/3	N/E
ALKYL DIMETHYLBENZEAMMONIUM CHLORIDE	IRRITANT	68424-85-1	N.D.	N/E	N/E
BIS (TRIBUTYL TIN) OXIDE	IRRITANT	56-35-9	N.D.	N/E	N/E
ETHYL ALCOHOL	IRRITANT	64-17-5	N.D.	90 MG/M <sup>3</sup>	1880 MG/M <sup>3</sup>
ALKYL DIMETHYLETHYLENAMMONIUM BROMIDE	IRRITANT	68527-84-4	N.D.	N/E	N/E
3. HAZARDS IDENTIFICATION					
EMERGENCY OVERVIEW: <b>THIS HIGHLY CORROSIVE SOLUTION CAUSES SKIN AND EYE DAMAGE AND MAY BE FATAL IF SWALLOWED.</b>					
POTENTIAL HEALTH EFFECTS					
INHALATION:	<b>CORROSIVE TO RESPIRATORY TRACT.</b>	EYE CONTACT:	<b>HIGHLY CORROSIVE, WILL BURN THE EYE AND CAUSE CORNEAL DAMAGE.</b>		
INGESTION:	<b>CORROSIVE TO DIGESTIVE TRACT. WILL CAUSE GASTRIC DISTURBANCE.</b>	CHRONIC:	<b>NONE</b>		
SKIN CONTACT:	<b>HIGHLY CORROSIVE WILL CAUSE SKIN BURNS.</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. GET MEDICAL ATTENTION.</b>		
EYE CONTACT:	<b>FLUSH EYES WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.</b>	INGESTION:	<b>DRINK LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION.</b>		
NOTES TO PHYSICIAN: <b>PROBABLE MUCOUSAL DAMAGE MAY CONTRADICT THE USE OF GASTRIC LAVAGE.</b>					
5. FIRE FIGHTING MEASURES					
Flashpoint (°F) and Method:	<b>GREATER THAN 200°F</b>	Auto ignition Temperature (°F):	<b>N.D.</b>		
FLAMMABLE LIMITS:	Ingredient: <b>N.D.</b>	UEL:	<b>N.D.</b>		
GENERAL HAZARD:	<b>THIS IS A HIGHLY CORROSIVE SOLUTION.</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>	CO2:	<b>YES</b>
Dry Chemical:	<b>YES</b>	Water:	<b>NO</b>	Other:	<b>NONE</b>
HAZARDOUS COMBUSTION PRODUCTS: <b>OXIDES OF NITROGEN, CARBON DIOXIDE AND CARBON MONOXIDE.</b>					
NATIONAL FIRE PROTECTION ASSOCIATION HAZARD RATINGS:					
	0 – Insignificant	1 – Slight	2 – Moderate	3 – High	
	4 – Extreme	U – Unknown	* – No Information		
Health	<b>:3</b>				
Flammability	<b>:0</b>				
Reactivity	<b>:0</b>				
SPECIAL INFORMATION: <b>CORROSIVE ACID.</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.

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6. ACCIDENTAL RELEASE MEASURES  
 LAND SPILL: **CONTAIN, COLLECT AND DISPOSE OF IN ACCORDANCE TO LOCAL, STATE AND FEDERAL** WATER SPILL: **REPORT TO THE APPROPRIATE AUTHORITIES.**

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

8. EXPOSURE CONTROL/PERSONAL PROTECTION  
 ENGINEERING CONTROLS: **LOCAL EXHAUST – USE WITH ADEQUATE VENTILATION.**  
 PERSONAL PROTECTION: **GOGGLES**  
 RESPIRATOR: **NONE** PROTECTIVE CLOTHING: **RUBBER GLOVES**

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure (mmHg)	:	<b>N.D.</b>	pH	:	<b>8,5 – 9,5</b>
Specific Gravity (Water=1)	:	<b>0.995</b>	Odor	:	<b>MUSTY</b>
Solubility in Water	:	<b>COMPLETE</b>	Appearance	:	<b>CLEAR</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: **STRONG OXIDIZING, REDUCING AGENTS AND ALKALIS.**  
 HAZARDOUS DECOMPOSITION PRODUCTS: **NONE**

11. TOXICOLOGICAL INFORMATION  
 CARCINOGENIC INFORMATION: **N/E**  
 CAS#: **NONE** % WT.: **N/A**  
 IARC: **NOT LISTED** NTP: **NOT LISTED** OSHA: **NOT LISTED** ACGIH: **NOT LISTED** OTHER: **NOT LISTED**

12. ECOLOGICAL INFORMATION: **N/E**

13. DISPOSAL CONSIDERATION  
 RCRA Hazard Class: **NOT LISTED.**

14. TRANSPORT INFORMATION:  
 DOT (Department of Transportation)  
 Proper Shipping Name: **DISINFECTANT, CORROSIVE LIQUID, N.O.S., 8, UN1903, PGIII**  
 Hazard Class: **CORROSIVE** Identification Number: **UN1903**

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: **IMMEDIATE HEALTH HAZARD**  
 313 Reportable Ingredients: **THIS PRODUCT DOES NOT CONTAIN ANY SECTION 313 REPORTABLE INGREDIENTS.**  
**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.

**N/A: Not Applicable**  
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