



# SAFETY DATA SHEET

Product: MARC 188 A/C LOK-TABS

Form R04132

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER AND NAME: **MARC 188 A/C LOK-TABS**

SDS DATE: 01/08/2019

SUPPLIER: Mid-American Research Chemical Corp.

ADDRESS: P. O. Box 927 Columbus, NE 68602-0927

PHONE: 402-564-7104 FAX: 402-563-1290

EMERGENCY PHONE: InfoTrac 1-800-535-5053

E-MAIL: marc@marc1.com WEBSITE: www.marc1.com

RECOMMENDED USE: Condensate drain pan treatment.

PREPARED BY: MARC

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** Physical hazards- Not classified. Health hazards- Acute toxicity, oral Category 4, Skin corrosion/irritation Category 2,

Serious eye damage/eye irritation Category 1. Environmental hazards- Not classified. OSHA defined hazards- Not classified. Signal word- Danger. Hazard statement- Harmful if swallowed. Causes serious eye damage. Causes skin irritation.

Precautionary statement- Prevention Wear protective gloves/eye protection/face protection. Wash thoroughly after handling.

Do not eat, drink or smoke when using this product. Response- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin: Wash with plenty of water. Specific treatment (see this label). If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Storage- Store away from incompatible materials. Disposal- Dispose of contents/container in accordance with local/regional/national/international regulations. Hazard(s) not otherwise classified (HNOC)- None known.

Supplemental information 5.87% of the mixture consists of component(s) of unknown acute oral toxicity.



## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### OSHA Hazardous Components (29 CFR 1910.1200):

This product is not hazardous as defined by OSHA.

### CHEMICAL NAME

### CAS NO.

Alkyl dimethyl benzyl ammonium chloride (C12-18)

68391-01-5

Product Class: Quaternary Ammonium Salt

## SECTION 4: FIRST AID MEASURES

**EYES:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

**SKIN:** Wash with soap and plenty of water. If irritation develops and persists, get medical attention or treatment advice.

**INGESTION:** **DO NOT INDUCE VOMITING!** Immediately drink large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention.

**INHALATION:** If breathing is difficult: Remove to fresh air. Get medical attention.

## SECTION 5: FIRE FIGHTING MEASURES

**FIRE EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, foam, water fog.

### SPECIAL FIRE FIGHTING PROCEDURES/

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** See Section 8 EXPOSURE CONTROLS/PERSONAL PROTECTION.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.



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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### EMERGENCY PROCEDURES/ SPILL & LEAK PROCEDURES:

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewer treatment authority. For guidance, contact your State Water Board or Regional Office of the EPA. Semisolid gel product. Pick up or sweep up and place in original or suitable container. Use as normal.

**PROTECTIVE EQUIPMENT:** Use personal protective devices as stated in Section 8.

**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Same as EMERGENCY/SPILL & LEAK PROCEDURES.

## SECTION 7: HANDLING AND STORAGE

**GENERAL HANDLING:** Avoid skin and eye contact. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling material.

**OTHER PRECAUTIONS:** **KEEP OUT OF REACH OF CHILDREN!! CAREFULLY READ ENTIRE LABEL BEFORE USE! DO NOT TAKE INTERNALLY!**

**STORAGE:** Keep container tightly closed and in a cool, well-ventilated place. **DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.**

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS/  
VENTILATION:** Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**RESPIRATORY PROTECTION:** N/A

**EYE PROTECTION:** Wear chemical goggles, face shield (if splashing is possible).

**SKIN PROTECTION/PROTECTIVE GLOVES:** Use impervious gloves.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Work clothing, sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves.

**WORK HYGIENIC PRACTICES:** Good industrial hygiene practices should be followed when handling material. Wash hands and face before eating and drinking. Keep away from food and drink stuffs.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE-

**PHYSICAL STATE:** Crystalline Solid  
**COLOR:** yellow  
**ODOR:** Amorphous  
**ODOR THRESHOLD:** N/A  
**pH:** 7.4 ± .3 @ 10% Aqueous Solution.  
**MELTING/FREEZING POINT:** N/A  
**BOILING POINT:** Not applicable.  
**FLASH POINT/METHOD USED:** Above 225°F  
**EVAPORATION RATE:** Not determined.  
**FLAMMABILITY (solid, gas):** N/A  
**FLAMMABILITY LIMITS:** **LEL:** Not Determined. **UEL:** Not determined.  
**VAPOR PRESSURE (mmHg):** Not determined.  
**VAPOR DENSITY (AIR = 1):** Not determined.  
**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.981 g/ml  
**SOLUBILITY IN WATER:** Complete  
**AUTO IGNITION TEMP:** Not Applicable.  
**DECOMPOSITION TEMPERATURE:** N/D



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VISCOSITY: N/A

## SECTION 10: STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Keep away from heat and incompatible materials.

**INCOMPATIBILITY (MATERIALS TO AVOID):** This product may react with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Under decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.

**HAZARDOUS POLYMERIZATION:** Will not occur. **CONDITIONS TO AVOID (POLYMERIZATION):** None.

## SECTION 11: TOXICOLOGICAL INFORMATION

**CARCINOGENICITY:** Not listed as carcinogenic according to IARC, NTP or OSHA.

**MUTAGENICALLY:** Testing has shown this product to be non-mutagenic.

**LD50 VALUE:**  
Oral LD50 (rat) => 50 – 500 mg/kg  
Dermal LD50 (rabbit) => 2,000 < or equal to 20,000 mg/kg

**EYES:** May be irritating to eyes.

**SKIN:** May be irritating to sensitive skin.

**INGESTION:** May be harmful or fatal if swallowed. Ingestion may result in moderately severe burns to mouth and esophagus with more severe burns and damage to stomach.

**INHALATION:** Not an inhalation hazard. (solid gel form)

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

**CARCINOGENICITY:** NTP? No **IARC MONOGRAPHS?** No **OSHA REGULATED?** No

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** Very toxic to aquatic organisms.

**ENVIRONMENTAL FATE:** This product is biodegradable.

## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHOD:**

**CONTAINER DISPOSAL:** Dispose of in a sanitary landfill, or incinerator, or if allowed by state and local authorities, by burning. If burned stay out of smoke.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides a violation of Federal Law. If these wastes cannot be disposed of by use according to the label instructions contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

## SECTION 14: TRANSPORT INFORMATION

**U.S. DEPARTMENT OF TRANSPORTATION (for ground/non-bulk containers):** Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

**CONTAINER SIZES(S):** SPECIAL

**PROPER SHIPPING NAME:** DEODORANT OR DISINFECTANT N.O.I., LIQUID/DRY

**HAZARD CLASS:** N/A



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ID NUMBER: N/A  
PACKING GROUP: N/A  
LABEL STATEMENT: NONE

## SECTION 15: REGULATORY INFORMATION

### U.S. FEDERAL REGULATIONS

		CAS Registry No.
CHEMICAL NAME:	Alkyl dimethyl benzyl ammonium chloride (C12-18)	68391-01-5
PRODUCT CLASS:	Quaternary Ammonium Salt	
TSCA (TOXIC SUBSTANCE CONTROL ACT):	N/A	
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):	N/A	
SARA 313:	N/A	
SARA 312 HAZARD CATEGORIES:	N/A	

## SECTION 16: OTHER INFORMATION

HMIS/NFPA Ratings: Health = 1  
Flammability = 0  
Reactivity = 0  
Other = -  
Protection = -

REVISION DATE: 01/08/2019

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