



MATERIAL SAFETY DATA SHEET

CHROMATE INDUSTRIAL CORPORATION®

5250-A Naiman Parkway, Solon, OH 44139 • 888-567-2206 • www.chromate.com

**FOR CHEMICAL
EMERGENCY**

Call ChemTrec day/night:
1-800-424-9300

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: A&R TABS

DATE PREPARED: February 18, 2009

PART NUMBER: 74720

74721

CHROMATE INDUSTRIAL CORPORATION

PRODUCT TYPE: QUATERNARY AMMONIUM SALT

5250-A Naiman Parkway, Solon, OH 44139 • (888) 567-2206

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): This product is not hazardous as defined by OSHA.

CHEMICAL NAME:

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (C12-18)

CAS REGISTRY NO.

68391-01-5

PRODUCT CLASS: Quaternary Ammonium Salt

SECTION 3 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: May be irritating to sensitive skin. Maybe harmful if swallowed.

POTENTIAL HEALTH EFFECTS

Eye Contact: May be irritating to eyes.

Skin Contact: May be irritating to sensitive skin.

Inhalation: Not an inhalation hazard. (solid gel form)

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.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

CARCINOGENICITY:

NTP: No

IARC Monographs: No

OSHA Regulated: No

SECTION 4 – FIRST AID MEASURES

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

Skin Contact: Wash with soap and plenty of water. If irritation develops and persists, get medical attention.

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

Ingestion: Do not induce vomiting! Immediately drink large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

FLASHPOINT: > 225°F

FLAMMABLE LIMITS:

LEL: N/D

UEL: N/D

AUTO-IGNITION TEMPERATURE: N/A

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

SPECIAL INFORMATION: None known.

N/A — NOT APPLICABLE
N/L — NOT LISTED

N/D — NOT DETERMINED

N/E — NONE ESTABLISHED

N/R — NOT REGULATED

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL AND 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.

SECTION 7 – STORAGE AND HANDLING

HANDLING PROCEDURES: Avoid skin and eye contact. Wash thoroughly after handling. As With all chemical, good industrial hygiene practices should be followed when handling material.

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

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS: Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

PERSONAL PROTECTION EQUIPMENT:

EYES/FACE: Wear chemical goggles; face shield (if splashing is possible)

SKIN: Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves, Use Impervious gloves.

SECTION 9 – PHYSICAL / CHEMICAL PROPERTIES

FLASH POINT: >225°F

VAPOR PRESSURE: N/D

ph VALUE: 7.5 – 8.5 @ 10% Aqueous Solution

BOILING POINT: N/A

APPEARANCE AND ODOR: Amorphous Crystalline Solid

SPECIFIC GRAVITY: 0.981 g/ml

VAPOR DENSITY: N/D

SOLUBILITY IN WATER: Complete

EVAPORATION RATE (Butyl Acetate = 1): N/D

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions.

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

INCOMPATIBILITY: This product may react with strong oxidizing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

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

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

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: Very toxic to aquatic organisms

ENVIRONMENTAL FATE: This product is biodegradable

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS 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:**

Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

SECTION 15 – REGULATORY INFORMATION**CHEMICAL NAME:**

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE (C12-18)

CAS REGISTRY NO.

68391-01-5

PRODUCT CLASS: Quaternary Ammonium Salt**SECTION 16 – OTHER INFORMATION**

NFPA RATING:	Health: 1	Flammability: 0	Reactivity: 0
HMIS® RATING:	Health: 1	Flammability: 0	Reactivity: 0

HMIS® ratings are to be used with a fully implemented HMIS® program.
HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

DISCLAIMER

DISCLAIMER: Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of the manufacture or others. The information contained herein is based on the manufacturer's own study and the works of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be held liable (regardless of fault) to the vendee's employees, or anyone for the direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.