

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MMR
PRODUCT CODE: 106-12Q

HMIS CODES: H F R P
2 1 2 B

===== **SECTION I - MANUFACTURER IDENTIFICATION** =====

SUPPLIER'S NAME: ENVYSS, LLC
ADDRESS: Monroe, GA 30655
EMERGENCY PHONE: 800-535-5053
INFORMATION PHONE: 770-934-4242

DATE OF PREPARATION : 02/14/09

===== **SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION** =====

REPORTABLE COMPONENTS	CAS NUMBER	OSHA PEL	TLV (source)	%
Lithium Hypochloride	13840-33-0	N/A	N/A	9.7

===== **SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS** =====

BOILING POINT: 100 ° F
VAPOR DENSITY: Not Applicable
MELTING POINT: N/A
pH: 12
APPEARANCE AND ODOR: Clear liquid. Chlorine odor

SPECIFIC GRAVITY (H2O=1): 1.04
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Complete

===== **SECTION IV - FIRE AND EXPLOSION HAZARD DATA** =====

FLASH POINT: None to boiling

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: N/A UPPER: N/A

FLAME EXTENSION: Not Applicable

EXTINGUISHING MEDIA: Water, Foam, dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: Avoid contact with combustible organic substance..

SPECIAL FIREFIGHTING PROCEDURES: N/A

STABILITY: Stable

CONDITIONS TO AVOID: Poor ventilation. Contamination with other chemicals, especially ammonia, amines, nitrogen bearing compounds.

===== SECTION V - REACTIVITY DATA =====

INCOMPATIBILITY (MATERIALS TO AVOID): Fire may result from contact with acids, organic or combustible matter..

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: N/A

HAZARDOUS POLYMERIZATION:: N/A.

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: INHALATION: Vapors may cause irritation of the respiratory tract.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: EYE CONTACT: Causes severe eye irritation and may possibly cause corrosive burns. SKIN CONTACT: Exposure may cause severe skin irritation. Prolonged or repeated exposure may cause severe skin damage.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: No evidence of harmful effects from available information.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: INGESTION: Causes vomiting, nausea, and burns to the mouth, throat and gastrointestinal tract. This material can enter the lungs during swallowing or vomiting and cause lung damage which can be harmful.

HEALTH HAZARDS (ACUTE AND CHRONIC): See above for acute health hazards. May cause skin and respiratory sensitization (allergic reaction).

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

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air immediately. If coughing, difficult breathing or any other respiratory symptoms persist, seek medical attention at once.

EYE CONTACT: Wash freely with water for 15 minutes. May produce burns on skin/eyes. Contact physician immediately if irritation persists.

SKIN CONTACT: Wipe off the acid gently. Immediately flood with surface with water. May produce chemical burns on skin. Contact physician immediately if irritation persists..

INGESTION: Drink mucilage, raw egg whites, milk or rice gruel. Follow with tablespoon of mustard in glass of warm water. Contact physician.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Small spills should be flush with large quantities of water. Large spills should be collected for disposal.

WASTE DISPOSAL METHOD: Dispose in accordance with federal, state and local regulations for non-hazardous chemical wastes.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with skin, eyes and/or clothing. FOR SALE TO, USE AND STORAGE OF SERVICE PERSONS.

===== **SECTION VIII - CONTROL MEASURES** =====

RESPIRATORY PROTECTION: Not required under normal conditions of use.

VENTILATION: General mechanical ventilation or local exhaust should be suitable to keep vapor concentrations below required levels(see Section II).

PROTECTIVE GLOVES: Rubber or plastic gloves.

EYE PROTECTION: Wear safety glasses meeting the specifications of ANSI Z87.1 where no contact with the eye is anticipated.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Rubber or protective apron.

===== **SECTION IX - DISCLAIMER** =====

The information contained herein is based on data considered to be accurate. While the information is believed to be reliable, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. It is the user's obligation to evaluate this information and determine the conditions of the safe use of the product.