MATERIAL SAFETY DATA SHEET

SECTION 1  PRODUCT AND COMPANY IDENTIFICATION
Trade Name: LIQUILOCK
Product Use: Solidify water for toilet removal
Formula: See Section 2
Synonyms: None
Firm Name & Mailing Address: OATEY CO. 4700 West 160th Street P.O. Box 35906 Cleveland, Ohio 44135, U.S.A. http://www.oatey.com
Prepared By: Corporate Director – Environmental, Health, & Safety
Preparation Date: February 17, 2010

SECTION 2  COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:  %wt/wt:  CAS NUMBER:  ACGIH TLV TWA:  OSHA PEL TWA:  OTHER:
Sodium Polyacrylate  100%  9003-04-7  None  None  0.05mg/m3
Crosslinked

OSHA Hazard Classification: Irritant

SECTION 3  HAZARDS IDENTIFICATION
Emergency Overview:
White granular solid material with no odor. May cause skin and eye irritation. It may also cause irritation in the respiratory and digestive tracts. Material is slippery in wet state.

SECTION 4  FIRST AID MEASURES
Skin: Remove contaminated clothing immediately. Wash all exposed areas with soap and water. Get medical attention if irritation develops.
Eyes: If material gets into eyes, immediately flush eyes with water while holding eyelids open until material is removed. If irritation persists, seek medical attention.
Inhalation: If symptoms of exposure develop, remove to fresh air. If breathing becomes difficult, administer oxygen. Administer artificial respiration if breathing has stopped. Seek immediate medical attention.
Ingestion: If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention by calling a Poison Control Center, or hospital emergency room. If medical advice cannot be obtained, then take the person and product to the nearest medical emergency treatment center or hospital.
SECTION 5  
**FIRE FIGHTING MEASURES**

Flashpoint / Method: Not applicable  
Flammability: LEL = Not determined, UEL = Not determined  
Extinguishing Media: Use foam, alcohol foam, CO2, dry chemical, or water fog.  
Special Fire Fighting Procedure: Full protective clothing for fires in areas where chemicals are used.  
Unusual Fire and Explosion Hazards: Product will not burn but may spatter if temperature exceeds boiling point of water. After water evaporates, remaining material will burn. Eliminate sources of ignition. Maintain good housekeeping.  
Hazardous Decomposition Products: Combustion may produce oxides of carbon.  

SECTION 6  
**ACCIDENTAL RELEASE MEASURES**

Spill or Leak Procedures: Spread absorbent over material and scrape up material/absorbent and place in an approved container. If product has dried, scrape up and place in an approved container. Use care to avoid dust generation. Wet material will become very slippery and form swollen granules.  

SECTION 7  
**HANDLING AND STORAGE**

Handling: Wash thoroughly after handling. Do not get material in eyes. Use only in well ventilated area. Avoid prolonged or repeated contact with skin.  
Storage: Keep from freezing. Best when stored above 40 Degrees F.  
Other: "Empty" containers retain product residue and can be hazardous. Follow all MSDS precautions in handling empty containers. Do not cut or weld on or near empty or full containers.  

SECTION 8  
**EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ventilation: Provide general and/or local exhaust ventilation to control airborne levels below exposure guidelines.  
Respiratory Protection: For operations where the exposure limit may be exceeded, a NIOSH approved N95 respirator is recommended. Equipment selection depends on contaminant type and concentration, select in accordance with 29 CFR 1910.134 and good industrial hygiene practice. For firefighting, use self-contained breathing apparatus.  
Skin Protection: When repeated or prolonged contact can occur, wear chemical resistant gloves.  
Eye Protection: Chemical splash goggles (ANSI Z89.1 or approved equivalent). Do not wear contact lenses.  
Other: Eye wash and safety shower should be available.  

SECTION 9  
**PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: Not available  
Melting Point: Not determined  
Vapor Pressure: Not determined  
Vapor Density: Not determined  
Volatile Components: Minimal  
Solubility In Water: Slightly soluble  
pH: Not applicable  
Specific Gravity: Not determined  
Bulk Density: 400 - 500 g/l (25 - 31 lb/ft3)  
Evaporation Rate: Slower than n-Butyl Acetate
Appearance: White granular solid material
Odor: None
Will Dissolve In: Not determined
Material Is: Granular material

SECTION 10  STABILITY AND REACTIVITY
Stability: Stable.
Conditions To Avoid: None
Hazardous Decomposition
Products: Combustion may produce oxides of carbon.
Incompatibility/Materials To Avoid: Strong basic materials such as sodium, potassium, hydroxide as well as strong oxidizing agents.
Hazardous Will not occur.
Polymerization:

SECTION 11  TOXICOLOGICAL INFORMATION
Inhalation: Trace components and residual monomer may cause headache, nausea, and irritation of the nose, throat, and lungs in poorly ventilated areas.
Skin: Prolonged or repeated skin contact can cause irritation.
Eye: Direct contact may cause eye irritation.
Ingestion: No hazard expected in normal industrial use. Ingestion is not a likely hazard route of exposure.

Chronic
Toxicity: None known
Toxicity Data: Adverse health effects are not expected from normal use of this product.
Sensitization: None known
Carcinogenicity: No
Mutagenicity: None known
Reproductive Toxicity: None anticipated based on product formula.
Medical Conditions Aggravated By Exposure: None known.

SECTION 12  ECOLOGICAL INFORMATION
VOC Information: This product does not emit VOC's (volatile organic compounds) in its normal use.
VOC Level: None.
SECTION 13  DISPOSAL CONSIDERATIONS
Waste Disposal: Dispose in accordance with current local, state and federal
regulations.
RCRA Hazardous Waste Number: None
EPA Hazardous Waste ID Number: None
EPA Hazard Waste Class: None

SECTION 14  TRANSPORT INFORMATION
DOT
Proper Shipping Name: Not hazardous
Hazard Class/Packing Group: None
UN/NA Number: None
Hazard Labels: None
IMDG
Proper Shipping Name: Not hazardous
Hazard Class/Packing Group: None
UN Number: None
Label: None

SECTION 15  REGULATORY INFORMATION
Hazard Category for Section 311/312: Acute health hazard, chronic health hazard.
Section 302 Extremely Hazardous Substances (TPQ): This product does not contain chemicals regulated
under SARA Section 302.
Section 313 Toxic Chemicals: This product does not contain chemicals subject to SARA Title III Section 313 Reporting requirements.
CERCLA 103 Reportable: This product does not contain chemicals subject to CERCLA regulations.
California Proposition 65: This product does not contain any chemicals subject To California Proposition 65 regulation.
TSCA Inventory: This chemical is listed on the TSCA Inventory.
Canadian WHIMS Classification: This product has been classified as D2B in accordance with the hazard criteria of the controlled Products Regulations (CPR) and the MSDS contains all the information required by the CFR.

SECTION 16  OTHER INFORMATION
NFPA and HMIS:
NFPA Hazard Signal: Health: 1  Flammability: 0  Reactivity: 0  Special: None
HMIS Hazard Signal: Health: 1*  Flammability: 0  Reactivity: 0  PPE: B

Disclaimer:
The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of our knowledge. However, Oatey cannot give any guarantees regarding information from other sources, and expressly does not make warranties, nor assumes any liability for its use.