

MATERIAL SAFETY DATA SHEET

HMIS HAZARDOUS MATERIALS

(Prepared According to 29 CFR 1910.1200)

IDENTIFICATION SYSTEM

A = Safety Glasses
B = A + Gloves
C = B + Apron
D = C + Face Shield
E = B + Dust Mask

F = C + Dust Mask
G = B + Respirator
H = F + Goggles
I = B + Respirator
X = Ask Supervisor

4 = Extreme
3 = High
2 = Moderate
1 = Slight
0 = Insignificant

Health.... 3
Flammability.... 1
Physical Hazard..... 1
Protection.... C

SECTION I - PRODUCT IDENTIFICATION**Product Code: 0435****Supersedes date: March 22, 2011****Section(s) changed: I****Effective date: January 6, 2012**

PRODUCT NAME: TECH-M-110 Bath Tub Cleaner

GENERIC NAME: Cleaner

DISTRIBUTORS NAME: ArjoHuntleigh Canada Inc.

INFORMATION PHONE NUMBER: 800-665-4831

EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: Chemtrec 800-424-9300

PROPER SHIPPING DESCRIPTION: ≤4L: UN3265, Corrosive Liquid, Acidic Organic (Contains hydroxyacetic acid), LTD QTY, 8, III LABEL: None

DIN [Drug Identification Number]: Not applicable

WHIMS CLASSIFICATION: Class E, Corrosive Material

CHEMICAL COMPONENTS: Water, Glycolic Acid, C8-10 Ethoxylated Propoxylated Alcohol

CHEMICAL FAMILY: Acid Detergent Cleaner, Descaler

FORMULA: Proprietary Mixture

DISTRIBUTORS ADDRESS: Unit C, 1575 South Gateway Rd.

Mississauga, Ontario L4W 5J1

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME

CAS No.

Wt%

OSHA PEL

ACGIH TLV

RQ

Glycolic Acid

79-14-1

<10

10 mg/m³10 mg/m³

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will the manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

SECTION III - PHYSICAL/CHEMICAL DATA

Physical State: Liquid
Boiling Point: ~100°C (212°F)
Freezing Point: ~0°C (32°F)
Specific Gravity: 1.03
Coefficient of Water/
Oil Distributions: NA
Odour Threshold: NA
Odour and Appearance: Clear, Colourless Liquid,
Distinctive Odour

Vapor Pressure (mm Hg): NE
Vapor Density (Air=1): NE
Evaporation Rate: NE
pH Concentrate: 2
pH Use Dilution: 3
%Volatile by volume: 82%
Solubility in Water: Complete

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLAMMABILITY: NO Data FLASH POINT (Method Used): Not Known LIMITS: LEL:NA
UEL:NA
AUTOIGNITION TEMPERATURE: Not self-igniting TDG FLAMMABILITY CLASS: NA
MEANS OF EXTINCTION: Water spray or fog, foam, dry chemical, carbon dioxide, alcohol
foam, if product is involved.
SPECIAL FIRE FIGHTING PROCEDURES: Use NIOSH/MSHA approved self-contained
breathing apparatus and protective clothing.
UNUSUAL FIRE & EXPLOSION HAZARD: Use water spray to cool adjacent fire exposed
containers. Product will not burn but may splatter if temperature exceeds boiling point.
HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide; Nitrous
Oxides.
RATE OF BURNING: Unknown

SENSITIVITY TO STATIC DISCHARGE: None

SECTION V - REACTIVITY DATA

Stability: Stable. Store in a cool dry place.
Hazardous Polymerization: Will not occur.
Incompatibility (Materials to Avoid): Strong alkalis; Cyanides.
Hazardous Decomposition Products: If burned, normal combustion products:
Hydrogen gas in contact with some metals. Phosgene.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. DANGER.
Do not contaminate water, food or feed. Avoid all contact. Store upright in
original closed container.
Other Precautions: Do not get in eyes, on skin or on clothing. Remove &
wash contaminated clothing before reuse.

SECTION VII - TOXICOLOGICAL PROPERTIES OF PRODUCTCarcinogenicity:
NENTP?
NEIARC Monographs?
NEOSHA REGULATED?
NO

ROUTES OF ENTRY: Skin Contact, Eye contact, Ingestion

EFFECTS OF ACUTE EXPOSURE: **Ingestion:** Will cause irritation and burning of the intestinal tract. **Eyes** Contact is painful and irritating. **Skin:** Repeated or prolonged contact may produce burns.

EFFECTS OF CHRONIC EXPOSURE: Undetermined

IRRITANCY OF PRODUCT: Severe eye irritant

LD₅₀=NALC₅₀=NA

EXPOSURE LIMITS OF PRODUCT: NA

SENSITIZATION TO PRODUCT: In rare instances

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: None known

SECTION VIII - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: See below for specific preventative measures

GLOVES: Protective gloves for handling concentrate, optional but recommended for diluted product.

RESPIRATORY: Proper ventilation must be provided in accordance with good ventilation practices in processes where TLV may be exceeded, or mists and/or vapours may be generated. Aerosols generated in cleaning and disinfection may cause irritation to the eyes, nose, throat and respiratory system. Some individuals may be more susceptible to respiratory irritation and those individuals should wear appropriate respiratory protection during cleaning and disinfection to prevent inhalation of possible airborne disinfectant aerosol particles.

CLOTHING: As required by employer code.

ENGINEERING CONTROLS: General ventilation normally adequate

FOOTWEAR: None Required

EYE: Chemical splash goggles, face shield for handling concentrate, optional but recommended for diluted product

LEAK AND SPILL PROCEDURE: Danger! Floors may become slippery. Contain spill and throw in trash or approved landfill site. Do not reuse empty containers. If accidentally spilled on floor, wipe up immediately.

WASTE DISPOSAL: Neutralize carefully with soda, ash or limestone. Dispose in a sewer or landfill.

HANDLING PROCEDURES & EQUIPMENT: See above

STORAGE REQUIREMENTS: Store at ambient temperature. Do not store on side to avoid impacting and creasing of walls. Keep out of reach of children

SPECIAL SHIPPING INFORMATION: Keep separate from alkalis.

SECTION IX - FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:

EYES: Flush with flowing water for 15 minutes & see physician.

INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. **Note to physician:** This product may cause mucosal damage and systemic effects on accidental ingestion. Gastric lavage with mild soap solution under medical supervision may be helpful if done early -- within about 15 to 30 minutes after ingestion. Maintain clear airway and administer oxygen with artificial respiration if necessary. Measures against circulatory shock may be necessary. If convulsions occur, they may be controlled by the cautious intravenous injection of a short acting barbiturate drug.

SKIN: Immediately flush with water. Call a physician if irritation develops. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

INHALATION: Move victim to fresh air. If symptoms persists, call a physician.

SECTION X - PREPARATION INFORMATION

PREPARED BY: Resa J. Manson
VP Quality Assurance & Reg. Compliance

NE - Not Established NA - Not Applicable GT - Greater Than Manufactured by: Intercon Chemical Company 1100 Central Industrial Drive, St. Louis, MO 63110