

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200 & WHMIS)

HMIS HAZARDOUS MATERIALS

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....0

Physical Hazard.... 0

Protection.... C

SECTION I - PRODUCT IDENTIFICATION

Product Code: 0715

Supersedes date: October 4, 2011

Section(s) changed: I

Effective date: February 28, 2012

PRODUCT NAME: SURE Wash CD

GENERIC NAME: Heavy Duty Alkaline Cleaner

DISTRIBUTORS NAME: ArjoHuntleigh Canada Inc.

INFORMATION PHONE NUMBER: 800-665-4831

CHEMICAL FAMILY: Alkaline Cleaner

FORMULA: Proprietary Mixture

DISTRIBUTORS ADDRESS: Unit C, 1575 South Gateway Rd.

Mississauga, Ontario L4W 5J1

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

PROPER SHIPPING DESCRIPTION: > 1 QT: UN1719, Caustic alkali liquid, n.o.s., (Contains Potassium Hydroxide), 8, II

LABEL: Corrosive

≤ 1 QT: LTD.QTY, UN1719, Caustic alkali liquid, n.o.s., (Contains Potassium Hydroxide), 8, II

LABEL: LTD.QTY

WHMIS CLASSIFICATION: E

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME

Potassium Hydroxide

CAS No.

1310-58-3

Wt%

<25%

OSHA PEL

2 mg/m3

ACGIH TLV

2 mg/m3

RQ

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 (°C): 100

Freezing Point: NE

Specific Gravity: 1.28

Coefficient of Water/

Oil Distributions: NA

Odour Threshold: NE

Odour and Appearance: Clear Liquid

Characteristic Odour

Vapour Pressure (mm Hg):17

Vapour Density (Air=1):0.62

Evaporation Rate: 1.0

pH Concentrate: 14.0

pH 1%: 12.4

%Volatile by volume: NE

Solubility in Water: 100%

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLAMMABILITY: NE FLASH POINT (Method Used): NE 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 HAZARDS: Use water spray to cool adjacent fire of 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: NE

UNUSUAL EXPLOSION HAZARDS: None

SENSITIVITY TO: Static Discharge- None

Mechanical Discharge- None

SECTION V - REACTIVITY DATA

Chemical Stability: Stable; protect from freezing.

Hazardous Polymerization: Will not occur.

Incompatibility (Materials to Avoid): Strong oxidizing agents, reducing agents, acids, cationics.

Conditions of Reactivity: Contact w/ incompatible chemicals.

Hazardous Decomposition Products: Thermal decomposition may produce,

Carbon Dioxide, Carbon Monoxide; Nitrous Oxides.

SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN.

Store upright in original closed container.

SECTION VII - TOXICOLOGICAL PROPERTIES OF PRODUCT

Carcinogenicity: NE

NTP? NE

IARC Monographs? NE

OSHA REGULATED? YES

ROUTES OF ENTRY: Skin Contact, Eye contact, Chronic Inhalation, Ingestion

EFFECTS OF ACUTE EXPOSURE: **Ingestion:** May cause severe burns of the gastrointestinal tract accompanied by nausea and vomiting. Signs of systemic effects may occur; including restlessness, apprehension, weakness, shortness of breath, cyanosis, convulsions and coma.

Death occurs as a result of paralysis of the respiratory muscles. **Eyes:** Eye contact causes severe burns. **Skin:** Contact can cause severe burns. **Inhalation [of mist]:** Can cause nose, throat and respiratory tract burns.

EFFECTS OF CHRONIC EXPOSURE: Based upon the information available for similar products, it is anticipated that this material will be corrosive to the skin and eyes upon direct or prolonged contact. Solvent vapours or mists of product can produce irritation of mucous membranes. Ingestion can produce immediate burning pain in the mouth, throat and abdomen. Severe internal damage can occur if ingested and may be fatal.

IRRITANCY OF PRODUCT: Severe skin and eye irritation.

LD₅₀=Oral

(rat):

NE

Dermal

(rabbit):

NE

LC₅₀=NA

EXPOSURE LIMITS OF PRODUCT: NA

SENSITIZATION TO PRODUCT: NE

TOXICOLOGICALLY SYNERGISTIC PRODUCTS: NE

CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: NE

SECTION VIII - PREVENTATIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Measures to minimize contact/exposure to product should be taken. Adjust PPE protection to handling conditions.
GLOVES: Nitrile gloves recommended.
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 because 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: Protective apron as needed to avoid contact. ENGINEERING CONTROLS: General ventilation normally adequate
FOOTWEAR: Normal. EYE: Chemical splash goggles.
LEAK AND SPILL PROCEDURE: Danger! Floors may become slippery. Contain spill. Do not reuse empty containers. If accidentally spilled on floor, wipe up immediately as staining may occur.
WASTE DISPOSAL: Neutralize carefully with soda, ash or limestone. Dispose in accordance with applicable Federal, Provincial and local regulations.
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 incompatible materials listed in Section V.

SECTION IX - FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES:
EYES: Flush with flowing water for 15 minutes & see physician.
INGESTION: In case of accidental ingestion and the victim is conscious, give 2 to 3 glasses of milk. DO NOT induce vomiting. If vomiting occurs, give fluids again. Do not give anything by mouth to a convulsing or unconscious person. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.
Note to physician: Determine if patient's condition allows for induction of vomiting or evacuation of stomach.
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 - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: Does not contain chemicals subject to the reporting requirements of Section 302, 304, or 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986.
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: SODIUM HYDROXIDE XXXX
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

SECTION XI - PREPARATION INFORMATION

Prepared by: C.S. Thorn
Environmental, Safety and Health 314-771-6600

NE- Not Established NA - Not Applicable GT - Greater Than

Manufactured by: Intercon Chemical Company 1100 Central Industrial Drive, St. Louis, MO 63110