

# MATERIAL SAFETY DATA SHEET

HMIS HAZARDOUS MATERIALS  
IDENTIFICATION SYSTEM

(Prepared According to 29 CFR 1910.1200 & WHMIS)

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.... 0  
Protection.... C

## SECTION I - PRODUCT IDENTIFICATION

**Product Code: 0238**    **Supersedes date: March 22, 2011**    **Section(s) changed: I, II**    **Effective date: October 27, 2011**

PRODUCT NAME: ARJO ALL-PURPOSE DISINFECTANT CLEANER    CHEMICAL FAMILY: Disinfectant/Cleaner  
GENERIC NAME: Disinfectant    FORMULA: Proprietary Mixture  
DISTRIBUTORS NAME: ArjoHuntleigh Canada Inc.    DISTRIBUTORS ADDRESS: Unit C, 1575 South Gateway Rd.  
INFORMATION PHONE NUMBER: 800-665-4831    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: Disinfectant Solution, Not Regulated  
DIN [Drug Identification Number]: 02242161    WHMIS CLASSIFICATION: Not applicable--classified as a drug  
CHEMICAL COMPONENTS: Water, Didecyl Dimethyl Ammonium Chloride, Tetrasodium Ethylenediaminetetraacetate, Nonylphenoxypolyethoxyethanol

## SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS No.	Wt%	OSHA PEL	ACGIH TLV	RQ
Didecyl Dimethyl Ammonium Chloride	68424-85-1	7.68	NE	NE	
Tetrasodium Ethylenediaminetetraacetate	64-02-8	< 10	NE	NE	
Nonylphenoxypolyethoxyethanol	9016-45-9	< 10	NE	NE	

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    Vapor Pressure (mm Hg): NE  
Boiling Point: ~100°C (212°F)    Vapor Density (Air=1): NE  
Freezing Point: ~0°C (32°F)    Evaporation Rate: NE  
Specific Gravity: 1.01    pH Concentrate: 7-8  
Coefficient of Water/    pH Use Dilution: 7-8  
Oil Distributions: NA    %Volatile by volume: 81%  
Odour Threshold: NA    Solubility in Water: Complete  
Odour and Appearance: Clear, Fluorescent Green Liquid,  
No Fragrance

## 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

Chemical Stability: Stable.  
Hazardous Polymerization: Will not occur.  
Incompatibility (Materials to Avoid): Strong oxidizing agents.  
Hazardous Decomposition Products: Thermal decomposition may produce toxic  
fumes of organic chlorides, amines, hydrogen chloride, ammonia, and oxides of  
carbon and nitrogen.

## SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. CAUTION.  
Store upright in original closed container.

## SECTION VII - TOXICOLOGICAL PROPERTIES OF PRODUCT

Carcinogenicity: NE    NTP? NE    IARC Monographs? NE    OSHA REGULATED? NO  
ROUTES OF ENTRY: Skin Contact, Eye contact, Chronic Inhalation, Ingestion  
EFFECTS OF ACUTE EXPOSURE: **Ingestion:** May cause marked local irritation 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 painful damage and corneal irritation. **Skin:** Contact can cause  
redness, burns, pain and blistering. **Inhalation [of mist]:** Can cause nose, throat and respiratory tract irritation, coughing and headache.  
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. Exposure to ethyl alcohol  
concentrations over 1,000 ppm cause headaches, irritation of the eyes, nose and throat, and if long continued, drowsiness and lassitude, a loss of appetite  
and inability to concentrate.  
IRRITANCY OF PRODUCT: LD<sub>50</sub>=Oral (rat): 1270 mg/kg. Dermal (rabbit): 3150 mg/kg    LC<sub>50</sub>=NA  
EXPOSURE LIMITS OF PRODUCT: NA    SENSITIZATION TO PRODUCT: In rare instances  
CARCINOGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY, MUTAGENICITY: NA

## 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 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: 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. 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.

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**SECTION VIII - PREVENTATIVE MEASURES (CON'T)**

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SPECIAL SHIPPING INFORMATION: Keep separate from alkalis.

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**SECTION IX - FIRST AID MEASURES**

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**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 mild soap solution or egg whites beaten in water. Do not induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. **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.

**NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**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.

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**SECTION X - PREPARATION INFORMATION**

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PREPARED BY: C. Thorn  
E,H, and S Administrator 314-771-6600

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