



I - PRODUCT IDENTIFICATION AND USE				MSDS ID: 00634	
PRODUCT NAME: CONDEN-SAF 2800					
USE: Condensate Line Corrosion Inhibitor					
SUPPLIER: JohnsonDiversey Canada, Inc. 2401 Bristol Circle Oakville Ontario, L6H 6P1, Canada			EMERGENCY PHONE: 1-800-668-7171		
WHMIS CLASSIFICATION: D1B E CHEMICAL FAMILY: Alkali			TRADE NAME / SYNONYMS: not applicable CHEMICAL NAME: not applicable		
II - HAZARDOUS INGREDIENTS					
HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species	
Ammonium hydroxide	10-30	001336-21-6	LD50 350 mg/kg	oral/rat	
III - HANDLING AND DISPOSAL PROCEDURES					
PERSONAL PROTECTIVE EQUIPMENT: Gloves: Natural Rubber, neoprene or nitrile Eye: Safety goggles Footwear: rubber boots Respiratory: NIOSH approved vapour mask Other: Rubber apron/face shield					
SPECIAL HANDLING PROCEDURES AND EQUIPMENT: Avoid eye and skin contact. Do not breathe mist, spray or vapours. Ensure adequate ventilation.					
VENTILATION REQUIREMENTS: Mechanical exhaust					
INCOMPATIBILITY (Material to Avoid): Oxidizing materials, acids, reducing agents.					
SPILL PROCEDURES: Contain the spill. Do not allow the spilled product to go to drain. Ensure proper ventilation in spill area. Mop up with absorbent clay and dump into refuse container. Wash spill area with large volumes of water.					
WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.					
STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Avoid freezing, excessive heat. UN2672					
IV - PHYSICAL PROPERTIES					
APPEARANCE / ODOUR: Clear liquid, ammonia odour					
S.G. / BULK DENSITY(g/cc): 0.95			pH: (10% solution): 11.6		
VAPOUR PRESSURE (mmHg): 17.5 @ 20°C			VAPOUR DENSITY (air=1): not available		
ODOUR THRESHOLD: not available			BOILING POINT: 102°C		
FREEZING POINT: not available			PERCENT VOLATILE: 88%		
SOLUBILITY IN WATER: soluble			EVAPORATION RATE (water=1): not available		
V - TOXICOLOGICAL PROPERTIES					
EFFECTS OF ACUTE EXPOSURE TO MATERIAL:					
EYES: Corrosive. May cause severe irritation. May cause permanent damage if not treated promptly.					
SKIN: Corrosive. May cause severe irritation. May cause temporary or permanent damage if not treated promptly.					
INGESTION: Corrosive. May cause severe irritation of the digestive tract.					
INHALATION: Nausea and intoxicating effects. Breathing vapours may cause respiratory irritation. Severe over exposure can result in death.					
LD50 (calculated): 2834 mg/kg			LC50 (calculated): not available		
OTHER TOXIC EFFECTS: Ammonium Hydroxide STEL 35 ppm NH3					

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Same as acute.

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician immediately.

SKIN: Wash with soap. Flush affected area thoroughly with water. If irritation develops, contact a physician.

INGESTION: Drink large volumes of water . Never give anything by mouth to an unconscious patient. Do not induce vomiting. Contact a physician immediately.

INHALATION: Remove patient to fresh air. Apply artificial resuscitation if necessary. Contact a physician immediately.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: no

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: N/Ap

EXTINGUISHING MEDIA: Water [X] Dry Chemical [X] Carbon Dioxide [X] Foam [X] Other []

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus. Use water to extinguish only if large volumes are available to flood area.

HAZARDOUS COMBUSTION PRODUCTS: Ammonium and oxides of nitrogen.

EXPLOSIVE SENSITIVITY TO: not applicable

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: high temperature

INCOMPATIBILITY (Material to Avoid) : Oxidizing materials, acids and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Heat released on contact with oxidizing materials. May release toxic, corrosive gases.

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: RTECS, ChemInfo, ACGIH

PREPARED BY: JohnsonDiversey Canada, Inc.
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Industrial Division
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