MATERIAL SAFETY DATA SHEET

MSDS 0711

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
Hydrex A/C Tabs

PRODUCT CODES
68115

CHEMICAL FAMILY
Organic/Inorganic

USE
Evaporator Cooler Cleaner

HMIS CODES

Health	3
Flammability	1
Reactivity	0
PPI	B

MANUFACTURER'S NAME
The RectorSeal Corporation
2601 Spenwick Drive
Houston, Texas 77055 USA

EMERGENCY TELEPHONE NO.
Chemtrec 24 Hours
(800)424-9300 USA
(703)527-3887 International

DATE OF VALIDATION
November 7, 2012

TECHNICAL SERVICE TELEPHONE NO.
(800)231-3345 or (713)263-8001

DATE OF PREPARATION
November 7, 2012

Section 2 -- HAZARDS IDENTIFICATION

GHS CLASSIFICATION
PHYSICAL HAZARDS: None
HEALTH HAZARDS
Acute Toxicity:
Oral: Category 5
Dermal: Not Classified
Inhalation: Not Classified
Skin Corrosion/Irritation: Category 3
Serious Eye Damage/Eye Irritation: Category 1
Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: Not Classified
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified
Aspiration Toxicity: Not Classified

ENVIRONMENTAL HAZARDS
Hazardous to the Aquatic Environment: Not Classified
Acute aquatic toxicity: Not Classified
Chronic aquatic toxicity: Not Classified
Bioaccumulation potential: Not Classified
Rapid degradability: Not Classified

GHS Label elements, including precautionary statements
Pictogram: N/A
Signal Word: Danger
Hazard Statements:
H302 - Harmful if swallowed.

H315 - Causes skin irritation.
H318 - Causes serious eye damage.
Precautionary Statements:
P102 - Keep out of reach of children.
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+, P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305+, P351+, P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362 - Take off contaminated clothing and wash before reuse.

SUMMARY OF ACUTE HAZARDS

Causes severe eye burns.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

N/A

EYE CONTACT

Corrosive: Causes severe eye burns.

SKIN CONTACT

Skin irritation.

INGESTION

This product may be harmful or fatal if swallowed

SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

May induce severe gastroenteric distress (vomiting, gastroenteric pain, and local corrosion and hemorrhages), prostration, anuria, hematuria, anemia, increase in white blood cells, icterus, coma, respiratory difficulties, and circulatory failure.

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Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Alkyl (68% C12, 32% C14)-dimethyl ethylbenzyl ammonium chloride -monohydrate
PERCENTAGE BY WEIGHT: 10-20
CAS NUMBER: 85409-23-0
EC# : Not listed

INGREDIENT: Alkyl dimethyl benzyl ammonium chloride (C12-18)
PERCENTAGE BY WEIGHT: 10-20
CAS NUMBER: 68391-01-5
EC# : 231-838-7

INGREDIENT: Amines, C12-18
PERCENTAGE BY WEIGHT: <2.5
CAS NUMBER: 68391-04-8
EC# : 203-943-8

INGREDIENT: Urea
PERCENTAGE BY WEIGHT: 10-20
CAS NUMBER: 57-13-6
EC# : 200-315-5

INGREDIENT: Inert Ingredients
PERCENTAGE BY WEIGHT: 60-70

CAS NUMBER: --
EC# : --

Section 4 -- FIRST AID MEASURES

If INHALED:	If symptoms are experienced, remove source of contamination or move victim to fresh air. If symptoms persist, get medical attention. If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention imediately.
If on SKIN:	For skin contact flush with large amounts of water. Immediately take off all contaminated clothing. If irritation persists get medical attention. Wash clothing separately before reuse.
If in EYES:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.
If SWALLOWED:	Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

Section 5 -- FIRE FIGHTING MEASURES

EXTINGUSING MEDIA

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Use a non-combustable material like vermiculite, sand or earth to soak up the produc and place into a container for later disposal. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or tother waters unless in accordance with the requirements with a NPDES permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Avoid contact with skin and eyes. Wash hands thoroughly after handling.

OTHER PRECAUTIONS: Store in cool place. Keep in a well-ventilated place.

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT	UNITS	
Alkyl (68% C12, 32% C14)-dimethyl ethylbenzyl ammonium chloride -monohydrate		
	ACGIH TLV	N/D
	OSHA PEL	N/D
Alkyl dimethyl benzyl ammonium chloride (C12-18)		
	ACGIH TLV	N/D

	OSHA	PEL	N/D
Amines, C12-18			
	ACGIH	TLV	N/D
	OSHA	PEL	N/D
Urea			
	ACGIH	TLV	N/D
	OSHA	PEL	N/D
Inert Ingredients			
	ACGIH	TLV	N/D
	OSHA	PEL	N/D

RESPIRATORY PROTECTION (SPECIFY TYPE): If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.
VENTILATION - LOCAL EXHAUST: Acceptable
SPECIAL: N/A
MECHANICAL (GENERAL): Acceptable
OTHER: N/A
PROTECTIVE GLOVES: Wear rubber gloves.
EYE PROTECTION: Wear chemical goggles. Face shield.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended. Eye wash fountain and emergency showers are recommended.
WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT:	N/A
BULK DENSITY:	37.6 lb/ft3
VAPOR PRESSURE (mm Hg):	N/A
MELTING POINT:	N/D
VAPOR DENSITY (AIR = 1):	N/A
EVAPORATION RATE (ETHYL ACETATE = 1):	N/A
APPEARANCE/ODOR:	White Tablet / No Odor
SOLUBILITY IN WATER:	Soluble
FLASH POINT	None
LOWER EXPLOSION LIMIT	N/D
UPPER EXPLOSION LIMIT	N/D
VOLATILE ORGANIC COMPOUNDS(VOC)Content (Theoretical Percentage By Weight):	0% or (0 g/L)

Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide and other low molecular weight hydrocarbons.
HAZARDOUS POLYMERIZATION: Will not occur.

Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA
Ingredient Name

Acute Oral LD50 Rat: 500-5000 mg/kg

Section 12 -- Ecological Information

ECOLOGICAL DATA
Ingredient Name

Very toxic to aquatic organisms.

Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated solid waste
Disposal Method: Approved landfill
Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

Section 14 -- TRANSPORTATION INFORMATION

DOT: Non-regulated
OCEAN (IMDG): Non-regulated
AIR (IATA): Non-regulated

Section 15 -- REGULATORY INFORMATION

REGULATORY DATA
Ingredient Name

SARA 313	No
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001