

CURRENT AS OF: 8/19/20

DATE PREPARED: 01/28/16 SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

- PRODUCT NAME: XLR-Rate 2-17-17
- PRODUCT USE: Fertilizer
- MFR INFO: CHS Inc 5500 Cenex Drive Inver Grove Heights, MN 55077 651-355-6000

FOR EMERGENCY: (Chemtrec)

1-800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



HARMFUL IF SWALLOWED MAY CAUSE EYE IRRITATION MAY CAUSE RESPIRATORY IRRITATION

HAZARD CLASSIFICATIONS:	CATEGORY	INTERPRETATION
ACUTE TOXICITY	4	Low to Moderate
EYE IRRITATION	2B	Eye Irritation Possible
TARGET ORGAN SYSTEMIC TOXICITY	3	Transient Respiratory Irritation Possible

PRECAUTIONARY STATEMENTS:

- CALL A POISON CENTER / PHYSICIAN IF UNWELL
- IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE
- IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES REMOVE CONTACT LENSES
- IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE
- DO NOT EAT, DRINK, OR SMOKE WHEN USING PRODUCT
- WASH HANDS THOROUGHLY AFTER HANDLING
- USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS
- AVOID BREATHING MIST / SPRAY
- IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING
- STORE CONTAINER TIGHTLY CLOSED
- DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	<u>SYNONYM</u>	CAS NUMBER	CONCENTRATION (%)
Liquid fertilizer blend	2-17-17	Mixture	100.0



SECTION 4: FIRST AID MEASURES

IF INHALED:	Move victim	n to fresh air. Seek medical attention if irritation persists.	
IF ON SKIN:	Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use.		
IF IN THE EYES:	Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists.		
IF SWALLOWED:	If victim is alert and not convulsing, give one glass of water to dilute material, but DO NOT induce vomiting. Seek immediate medical attention.		
SPECIAL TREATMENT:	None known	n	
HEALTH HAZARDS:	See Section 11		
SECTION 5: FIREFIGHTING	MEASURES	3	
EXTINGUISHING MEDIA:		Use media suitable for surrounding fire. No special media required.	
SPECIFIC FIRE HAZARDS:		Decomposition products may be toxic.	
SPECIAL FIREFIGHTING PROCEDURES:		Wear full protective clothing and positive-pressure self- contained breathing apparatus.	
SECTION 6: ACCIDENTAL F	RELEASE ME	EASURES	
		llect spilled product and store to re-use. Contaminated product d/or environmental media should be recovered and disposed of perly.	
ENVIRONMENTAL PRECAUTI	IONS: Prevent spilled material from entering storm drains or water bodies.		
PROTECTIVE EQUIPMENT: See Section 8		e Section 8	
SECTION 7: HANDLING AND STORAGE			

Store in a cool, dry, well ventilated area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

HAZARDOUS COMPONENT

OSHA PEL

ACGIH TLV

Liquid fertilizer blend



PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

RESPIRATORY PROTECTION:	NIOSH approved particulate / mist respirator, if required
EYE PROTECTION:	Safety glasses with side-shields, goggles, or face shield recommended
SKIN PROTECTION:	Long sleeves, protective (rubber) gloves recommended
VENTILATION:	Local exhaust ventilation recommended

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: pH:	Green liquid with slight ammonia odor 7.3
MELTING POINT:	Not applicable
BOILING POINT:	Not available
FLASH POINT:	Not flammable
EVAPORATION RATE:	Not available
FLAMMABLE LIMITS:	Not applicable
VAPOR PRESSURE:	Not available
VAPOR DENSITY:	Not available
SPECIFIC GRAVITY:	1.37
SOLUBILITY (IN WATER):	Soluble
PARTITION COEFFICIENT:	Not available
AUTOIGNITION TEMP:	Not applicable
DECOMPOSITION TEMP:	Not applicable
ODOR THRESHOLD:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Strong acids; excessive heat (greater than 270°F)

INCOMPATIBILITY: Aluminum, copper, and their alloys; galvanized metal; oxidizers, alkalis, hypochlorites, aldehydes, inorganic acids

HAZARDOUS DECOMPOSITION PRODUCTS: POx, NOx, COx, NH₃, cyanuric acid

SECTION 11: TOXICOLOGICAL INFORMATION

HEALTH EFFECTS: May be irritating to the nose, throat, and respiratory tract. Inhalation may result in irritation of mucous membranes, coughing, or difficult breathing. Eye and skin irritation may also result. May be corrosive to the skin and other tissues and may cause dermatitis. Ingestion may result in drowsiness, slowed reflexes, slurred speech, and other symptoms consistent with mild CNS depression.

CARCINOGENICITY: None of the ingredients are known / listed carcinogens.

INGREDIENT TOXICITY RANGES:

ORAL: 14,300 mg/kg (urea)

DERMAL: None listed



INHALATION: None listed

SECTION 12: ECOLOGICAL INFORMATION

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all national, regional / state, and local regulations. Reuse recovered product where possible.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA SECTION 311 / 312 HAZARD CATEGORY:

IMMEDIATE HAZARD

SECTION 16: OTHER INFORMATION

NFPA RATINGS:	HEALTH FLAMMABILITY INSTABILITY	1 0 0
HMIS RATINGS:	HEALTH FLAMMABILITY PHYSICAL HAZARD	1 0 0
SDS ID NO:	WAL143	
DATE PREPARED: CURRENT AS OF:	1/28/16 8/19/20	
PREPARED BY:	SS	

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