

# Safety Data Sheet

XLR-Rate 2-17-17



DATE PREPARED: 01/28/16

CURRENT AS OF: 8/19/20

## 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:



**WARNING**

**HARMFUL IF SWALLOWED  
MAY CAUSE EYE IRRITATION  
MAY CAUSE RESPIRATORY IRRITATION**

### HAZARD CLASSIFICATIONS:

*ACUTE TOXICITY*

*EYE IRRITATION*

*TARGET ORGAN SYSTEMIC TOXICITY*

### CATEGORY

4

2B

3

### INTERPRETATION

Low to Moderate

Eye Irritation Possible

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

### SYNONYM

### CAS NUMBER

### CONCENTRATION (%)

Liquid fertilizer blend

2-17-17

Mixture

100.0

**SECTION 4: FIRST AID MEASURES**

IF INHALED:	Move victim 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
HEALTH HAZARDS:	See Section 11

**SECTION 5: FIREFIGHTING MEASURES**

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 RELEASE MEASURES**

SPILL / RELEASE PROCEDURES:	Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly.
ENVIRONMENTAL PRECAUTIONS:	Prevent spilled material from entering storm drains or water bodies.
PROTECTIVE EQUIPMENT:	See 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: Green liquid with slight ammonia odor  
pH: 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**

STABILITY: Product is stable.  
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: PO<sub>x</sub>, NO<sub>x</sub>, CO<sub>x</sub>, NH<sub>3</sub>, 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

