



# Safety Data Sheet

Preparation Date 12-Nov-2021

Revision date 15-Nov-2021

Revision Number: 2

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Identification of the product

**Product Description** MOTO

### Other means of identification

**Internal SDS code** RDIAS-20211112

### Recommended use of the chemical and restrictions on use

**Recommended use** Fertilizer.

**Uses advised against** Activities contrary to label recommendation

### Details of the Supplier of the Safety Data Sheet

#### Supplier Address

UPL NA Inc.  
630 Freedom Business Center  
Suite 402  
King of Prussia, PA 19406

### Emergency telephone number

**Company Phone Number** 1-800-438-6071

**Emergency telephone number** Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887  
Medical: Rocky Mountain Poison and Drug Safety (866) 673-6671 (24hrs)

## 2. Hazards Identification

### Classification

#### OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

### Label elements

#### EMERGENCY OVERVIEW

**Appearance** no data available      **Physical state** Liquid      **Odor** no data available

### Hazards Not Otherwise Classified (HNOC)

#### OTHER INFORMATION

## 3. Composition/information on Ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health under the OSHA 2012 HazCom.

## 4. First aid measures

**FIRST AID MEASURES**

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.                         |
| <b>Skin contact</b> | Rinse skin immediately with plenty of water for 15-20 minutes. Discontinue use if irritation and redness develop. If condition persists for more than 72 hours consult a doctor. |
| <b>Inhalation</b>   | Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.                         |
| <b>Ingestion</b>    | Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately. Do not induce vomiting without medical advice.                     |

**Most Important Symptoms and Effects, Both Acute and Delayed**

**Most Important Symptoms and Effects** None known.

**Indication of Any Immediate Medical Attention and Special Treatment Needed**

**Notes to physician** Treat symptomatically.

**5. Fire-fighting measures****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** None. Remove all sources of ignition.

**Specific hazards arising from the chemical**

Fire can cause thick, black smoke. As a result of thermal decomposition, dangerous products can form -Carbon oxides.

**Explosion data****Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Use personal protective equipment. Avoid contact with skin and eyes. Provide adequate ventilation. Wash thoroughly after handling.

**Environmental Precautions**

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Consult a regulatory specialist to determine appropriate state or local reporting requirements, for assistance in waste characterization and/or hazardous waste disposal and other requirements listed in pertinent environmental permits.

**Methods and material for containment and cleaning up**

**Methods for Clean-Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.

**7. Handling and Storage****Precautions for safe handling**

**Handling** Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Provide adequate ventilation. Wear personal protective equipment.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep in a dry, cool and well-ventilated place. Keep only in original container.

**incompatible materials** Bases.

**8. Exposure Controls/Personal Protection**

**Exposure guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering controls** Investigate engineering techniques to reduce exposures. Local mechanical exhaust ventilation is preferred. Consult ACGIH ventilation manual or NFPA Standard 91 for design of exhaust systems.

**Personal protective equipment**

**Eye/Face Protection**

Where there is potential for eye contact have eye flushing equipment available. Use eye protection to avoid eye contact. Safety glasses with side-shields.

**Skin protection**

Protective gloves. Long sleeved clothing. Socks and footwear.

**Respiratory protection**

Where airborne exposure is likely, use NIOSH approved respiratory protection equipment appropriate to the material and/or its components. Full facepiece equipment is recommended and, if used, replaces need for face shield and/or chemical goggles. If exposures cannot be kept at a minimum with engineering controls, consult respirator manufacturer to determine appropriate type equipment for given application. Observe respirator use limitations specified by NIOSH or the manufacturer. For emergency and other conditions where there may be a potential for significant exposure, use an approved full face positive-pressure, self-contained breathing apparatus. Respiratory protection programs must comply with 29 CFR 1910.134.

**General hygiene considerations**

Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

**9. Physical and Chemical Properties**

**9.1 Information on basic physical and chemical properties**

**Appearance** No information available  
**Physical state** Liquid  
**Odor** No information available  
**color** brown

| <u>Property</u>                     | <u>VALUES</u> | <u>Remarks/ Method</u>                                       |
|-------------------------------------|---------------|--|
| <b>pH</b>                           | 5.5           | None known   |
| <b>Melting point/freezing point</b> |               | None known   |
| <b>Boiling Point/Range</b>          |               | None known   |
| <b>Flash Point</b>                  |               | None known   |
| <b>Evaporation Rate</b>             |               | None known   |
| <b>Flammability (solid, gas)</b>    |               | None known   |
| <b>Specific gravity</b>             |               | None known   |
| <b>Bulk density</b>                 |               | None known   |
| <b>Water solubility</b>             |               | Soluble in water   |
| None known                          |               | <b>Solubility in Other Solvents</b> No information available |
| None known                          |               | <b>Partition coefficient: n-octanol/water</b>                |
| None known                          |               | <b>Autoignition temperature</b>                              |
| None known                          |               | <b>Decomposition</b>   |

None known  
None known

temperature  
Viscosity

## **9.2 OTHER INFORMATION**

### **10. Stability and Reactivity**

#### **Reactivity**

no data available

#### **Chemical stability**

Stable under recommended storage conditions.

#### **Possibility of hazardous reactions**

None under normal processing.

#### **Conditions to avoid**

Extremes of temperature and direct sunlight.

#### **incompatible materials**

Bases.

#### **Hazardous decomposition products**

Extreme temperatures may convert endothall product to endothall anhydride, a strong vesicant, causing blistering of eyes, mucous membranes and skin.

### **11. Toxicological Information**

#### **Information on Likely Routes of Exposure**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | There is no data available for this product.        |
| <b>Eye contact</b>  | Contact with eyes may cause irritation.             |
| <b>Skin contact</b> | Prolonged contact may cause redness and irritation. |
| <b>Ingestion</b>    | There is no data available for this product.        |

#### **Information on Toxicological Effects**

**Symptoms** No information available.

#### **Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                 |  |
|---------------------------------|--|
| <b>Sensitization</b>            | No information available.                                  |
| <b>Mutagenic effects</b>        | no data available.   |
| <b>Carcinogenicity</b>          | There are no known carcinogenic chemicals in this product. |
| <b>Reproductive effects</b>     | Not Available.   |
| <b>STOT - Single Exposure</b>   | no data available.   |
| <b>STOT - Repeated Exposure</b> | no data available.   |
| <b>Aspiration hazard</b>        | No information available.                                  |

#### **Numerical Measures of Toxicity - No information available**

### **12. Ecological Information**

#### **ecotoxicity**

None known

**Persistence/Degradability**

no data available.

**Bioaccumulation/ Accumulation**

No information available.

**Other Adverse Effects**

no data available

**13. Disposal Considerations****Waste Treatment Methods**

|                               |  |
|-------------------------------|--|
| <b>Waste Disposal Method</b>  | Dispose of in accordance with local regulations. |
| <b>Contaminated packaging</b> | Do not reuse empty containers.                   |

**14. Transport Information**

|                    |               |
|--------------------|---------------|
| <b><u>DOT</u></b>  | NOT REGULATED |
| <b><u>TDG</u></b>  | NOT REGULATED |
| <b><u>IATA</u></b> | NOT REGULATED |
| <b><u>IMDG</u></b> | NOT REGULATED |

**15. Regulatory Information****International Inventories**

|                           |             |
|---------------------------|-------------|
| <b>USINV</b>              | Not present |
| <b>DSL/NDSL</b>           | Not present |
| <b>EINECS/<br/>ELINCS</b> | Not Present |
| <b>ENCS</b>               | Not Present |
| <b>China</b>              | Not Present |
| <b>KECL</b>               | Not Present |
| <b>PICCS</b>              | Not Present |
| <b>AICS</b>               | Not Present |
| <b>TSCA</b>               | Not Present |

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

