

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 Product Identifier

Trade Name Elevance Aria™ WTP 40 6817; Elevance Aria™ WTP 40 6818
Synonyms: Synthetic lubricant basestock
REACH Substance Name Not assigned
REACH Registration Number Not assigned
SDS #: ELE-0087
SDS Date March 23, 2015

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Synthetic Lubricant Base Stock
Uses Advised Against: None

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: Elevance Renewable Sciences, Inc.
 2501 Davey Road
 Woodridge, IL 60517

Elevance Renewable Sciences Netherlands BV
 Prins Bernhardplein 200, 1097JB
 Amsterdam, Netherlands

1.4 Emergency Telephone Number

Emergency Spill Information 1(800) 424-9300 for US and Canada (CHEMTREC)
 +1(703) 527-3887 for International Calls (call CHEMTREC collect)
Other Product Information: +1(630) 633-6467 or (877) 215-2795
 info@elevance.com

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

CLP/GHS Classification (1272/2008): Not classified as hazardous

EU Classification (67/548/EEC): Not classified as dangerous

2.2 Label Elements: None

2.3 Other Hazards:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

| Chemical Name | CAS Number / EINECS Number / REACH Reg. Number | % (w/w) | EU Classification (67/548/EEC) | CLP/GHS Classification (1272/2008) |
|-------------------------|--|---------|-----------------------------------|---------------------------------------|
| Proprietary Material | Proprietary | 100 | Not dangerous | Not Hazardous |

See Section 16 for full text of GHS and EU Classifications.

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures

First Aid

Eye contact: Flush eyes with water while lifting the upper and lower lids. Seek medical help if irritation develops or persists.

Skin contact: Wash with soap and water. Get medical attention if irritation develops or persists.

Inhalation: Remove victim to fresh air. Get medical attention if irritation develops or persists.

Ingestion: If conscious, wash out mouth with small amount of water. Do not give anything to an unconsciousness or drowsy person. Do not induce vomiting. Get medical attention.

See Section 11 for more detailed information on health effects.

4.2 Most important symptoms and effects, both acute and delayed: No adverse effects other than mild irritation are expected.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical treatment is not anticipated to be required.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media:

Water spray, carbon dioxide, dry chemical or foam to extinguish fires.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: None

Combustion Products: Carbon dioxide and carbon monoxide.

5.3 Advice for Fire-Fighters: Firefighters should wear full emergency equipment and approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water spray or stream.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate protective equipment.

6.2 Environmental Precautions:

Prevent entry in storm sewers and waterways. Report spill as required by local and federal regulations.

6.3 Methods and Material for Containment and Cleaning Up:

Collect with an inert absorbent, and place into closable containers for disposal. Wash spill site with detergent and water.

6.4 Reference to Other Sections:

Refer to Section 8 for personal protective equipment, and Section 13 for disposal information.

SECTION 7: HANDLING and STORAGE

7.1 Precautions for Safe Handling:

Use suitable protective equipment. Avoid contact with eyes, skin and clothing. Avoid breathing mists. Wash thoroughly after handling. Remove contaminated clothing and launder before re-use. Do not eat, drink, or smoke while handling.

7.2 Conditions for Safe Storage, Including any Incompatibilities:

Protect containers from physical damage. Keep away from ignition sources. Keep containers closed when not in use.

7.3 Specific end use(s):

Industrial uses: Lubricant base stock

Professional uses: None identified

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

| Chemical Name | EU IOEL | UK OEL | Biological Limit Value |
|----------------------|------------------|------------------|------------------------|
| Proprietary Material | None Established | None Established | None Established |

8.2 Exposure Controls:

Recommended Monitoring Procedures: None

Appropriate Engineering Controls: Good general room ventilation should be adequate under normal conditions. If exposures are excessive, mechanical ventilation such as local exhaust may be required.

Personal Protective Measurers

Eye/Face Protection: Wear safety glasses or chemical safety goggles if needed to avoid eye contact.

Skin Protection: Impervious clothing is recommended if needed to avoid prolonged skin contact.

Hands: Impervious gloves such as rubber are recommended if needed to avoid prolonged skin contact.

Respiratory Protection: None normally needed. If the exposures are high, use an approved respirator with an organic vapor/dust/mist filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with good Industrial Hygiene practice.

Other protection: Suitable eye and skin washing facilities should be available in the work area.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Appearance: Oily liquid, colorless to slight yellow

Odor Threshold: Not established

Melting/Freezing Point: Not established

Flash Point: >250°C

Lower Flammability Limit: Not established

Upper Flammability Limit: Not established

Vapor Density(Air=1): Not established

Solubility: Not established

Autoignition Temperature: Not established

Viscosity: 330 cSt at 40°C

Odor: Mild

pH: Not established

Boiling Point: Not established

Evaporation Rate: Not established

Vapor Pressure: Not established

Relative Density: Not established

Octanol/Water Partition Coefficient: Not established

Decomposition Temperature: Not established

Explosive Properties: None

Oxidizing Properties: None
Molecular Formula: Polymer

Specific Gravity (H₂O= 1): Not established
Molecular Weight: >5000 (average)

9.2 Other Information: None known

SECTION 10: STABILITY and REACTIVITY

10.1 Reactivity: Not reactive under normal conditions.

10.2 Chemical Stability: Stable.

10.3 Possibility of Hazardous Reactions: None known.

10.4 Conditions to Avoid: Keep away from extreme heat.

10.5 Incompatible Materials: Incompatible with strong oxidizing agents.

10.6 Hazardous Decomposition Products: Carbon dioxide, carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Eye Contact: May cause mild irritation.

Skin contact: May cause mild irritation.

Inhalation: No adverse effects expected.

Ingestion: May cause gastrointestinal irritation and possibly other adverse effects.

Acute toxicity: No data available

Skin corrosion/irritation: No data available.

Eye damage/ irritation: No data available.

Respiratory Irritation: No data available

Respiratory Sensitization: No data available

Skin Sensitization: No data available

Germ Cell Mutagenicity: No data available

Carcinogenicity: No data available. None of the components of this product are listed as carcinogens by IARC or the EU Dangerous Substances Directive.

Reproductive Toxicity: No data available

Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 **Toxicity:** No data available
- 12.2 **Persistence and degradability:** No data available
- 12.3 **Bioaccumulative Potential:** No data available
- 12.4 **Mobility in Soil:** No data available
- 12.5 **Results of PBT and vPvB assessment:** Not required
- 12.6 **Other Adverse Effects:** No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 **Waste Treatment Methods:**
 Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: TRANSPORTATION INFORMATION

| | 14.1 UN Number | 14.2 UN Proper Shipping Name | 14.3 Hazard Class(s) | 14.4 Packing Group | 14.5 Environmental Hazards |
|---------------------|----------------|------------------------------|----------------------|--------------------|----------------------------|
| US DOT | Not applicable | Not regulated | Not applicable | Not applicable | Not applicable |
| Canadian TDG | Not applicable | Not regulated | Not applicable | Not applicable | Not applicable |
| EU ADR/RID | Not applicable | Not regulated | Not applicable | Not applicable | Not applicable |
| IMDG | Not applicable | Not regulated | Not applicable | Not applicable | Not applicable |
| IATA/ICAO | Not applicable | Not regulated | Not applicable | Not applicable | Not applicable |

- 14.6 **Special Precautions for User:** None
- 14.7 **Transport in Bulk According to Annex II MARPOL 73/78 and the IBC Code:** Not determined

SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

INTERNATIONAL INVENTORIES

EPA TSCA INVENTORY: This product qualifies for the current polymer exemption under 40 CFR 723.259(e)(1) and is exempt from premanufacturing reporting under TSCA. Elevance has generated appropriate analytical data and reviewed the manufacturing process to certify that this substance meets the definition of a polymer, is not specifically excluded from the exemption, and meets the conditions of the exemption. This product is, therefore, in compliance with TSCA requirements and there are no restrictions on its use.

EUROPEAN UNION: This product meets the definition of a polymer under REACH Article 3(5) and is not subject to registration under REACH. The product is made from monomers that are separately registered under REACH.

SECTION 16: OTHER INFORMATION

NFPA Rating: Health: 1 Fire: 1 Instability: 0
HMIS Rating: Health: 1 Fire: 1 Physical Hazard: 0

Revision History: New SDS

EU Classes and Risk Phrases for Reference (See Sections 2 and 3)

None

CLP/GHS Classification and H Phrases for Reference (See Section 3)

None

WE RECOMMEND THAT CONTAINERS BE EITHER PROFESSIONALLY RECONDITIONED FOR RE-USE BY CERTIFIED FIRMS OR PROPERLY DISPOSED OF BY CERTIFIED FIRMS TO HELP REDUCE THE POSSIBILITY OF AN ACCIDENT. DISPOSAL OF CONTAINERS SHOULD BE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS. "EMPTY" DRUMS SHOULD NOT BE GIVEN TO INDIVIDUALS.

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