

# SAFETY DATA SHEET

## SECTION 1

## PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Ultima 2100  
**PRODUCT IDENTIFIER CODE(S):** 9428  
**PRODUCT RECOMMENDED/INTENDED USE:** Lubricants  
**MANUFACTURER/SUPPLIER:** ROYAL OIL COMPANY  
**ADDRESS:** P.O. BOX 2646  
FORT WORTH, TX 76113  
**GENERAL INFORMATION:** 817-332-7001  
**24 HR. EMERGENCY PHONE NUMBER:** CHEMTREC 1-800-424-9300

## SECTION 2

## HAZARDS IDENTIFICATION

This material is not considered to be hazardous according to regulatory guidelines (See Section 15.)

## SECTION 3

## COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS Number	Weight %
Heavy paraffinic distillates (petroleum) (oil mist)	64742-54-7	75-90
*Antimony Compound	ADQ500	1.6

**Note:** \*This product contains a toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. Each regulated chemical is present at a concentration that does not exceed the specified upper bound concentration value.

**Note:** Under normal conditions of use, the oil in this product cannot be misted, and therefore should pose no health problems. (See Section 8 for Exposure Limits)

## SECTION 4

## FIRST AID MEASURES

**PRINCIPAL ROUTES OF EXPOSURE:** Skin

**EFFECTS OF OVEREXPOSURE:** Excessive exposure may result in mild eye and skin irritation.

**EYE:** Flush eyes with water for 15 minutes or until irritation subsides.

**SKIN:** If skin irritation occurs: Wash skin thoroughly with soap and water.

**INGESTION:** Do NOT induce vomiting. Get immediate medical attention.

**INHALATION:** N/A. No inhalation hazards expected under normal conditions of use and storage.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** None known.

**NOTES TO PHYSICIAN:** None.

## SECTION 5

## FIRE FIGHTING MEASURES

**FIRE CLASSIFICATION:** GHS Non-flammable. Non-Combustible.

**NFPA RATINGS:** HEALTH: 0

**FLAMMABILITY:** 1

**REACTIVITY:** 0

**FLASH POINT (°F/C):** 470/243 (COC)

**LOWER EXPLOSION LIMIT/UPPER EXPLOSION LIMIT:** Not determined.

**OSHA FLAMMABILITY CLASSIFICATION:** Non-flammable. Non-combustible.

**SUITABLE EXTINGUISHING MEDIA:** Use alcohol foam, dry chemical or CO<sub>2</sub>; water fog can be used to keep exposed containers cool

**FIREFIGHTING PROCEDURES:** Use air-supplied breathing equipment in enclosed areas. Cool exposed containers with water spray.

**PROTECTION OF FIRE FIGHTERS:** Self-contained breathing apparatus and full protective gear.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Do not store with strong oxidants.

**COMBUSTION PRODUCTS:** Carbon monoxide and Carbon dioxide.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTION:** Wear appropriate personal protective equipment when cleaning up spills (See Section 8). Keep unnecessary people away; isolate hazard area and deny entry.

**PROCEDURES:** Clean up mechanically.

Do not flush to sewer or waterways. Prevent release into the environment if possible. Refer to section 15 for spill/release reporting information.

## SECTION 7 HANDLING AND STORAGE

**HANDLING:** Avoid eye contact and prolonged or repeated exposure to skin. Observe good personal hygiene practices when handling this lubricant.

**STORAGE:** Store container tightly closed away from strong oxidizers.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** None.

**PERSONAL PROTECTIVE EQUIPMENT:** Not required under normal conditions of use.

**EYE/FACE PROTECTION:** N/A

**SKIN PROTECTION:** N/A

**RESPIRATORY PROTECTION:** N/A

**OCCUPATIONAL EXPOSURE LIMITS:**

Component	PEL:	TLV:
Heavy paraffinic distillates (petroleum) (oil mist)	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>
Antimony Compound	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE (Color and physical state):** Red grease.

**ODOR:** Mineral oil odor.

**pH:** Not Applicable

**MELTING POINT/FREEZING POINT:** Not determined.

**BOILING POINT (°F/C):** > 450/232

**FLASH POINT (°F/C):** 470/243

**EVAPORATION RATE (Butyl Acetate=1):** N/A

**FLAMMABILITY:** Non-flammable. Non-combustible.

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:** Not determined.

**VAPOR PRESSURE (mm Hg):** <1.0

**VAPOR DENSITY (Air=1):** N/A

**SOLUBILITY (ies) in Water:** Insoluble.

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.97

**PERCENT VOLATILE BY VOLUME:** Nil

## SECTION 10 STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** This material is considered stable under specified conditions of storage, shipment and/or use.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Incompatible with strong oxidizers.

**CONDITIONS TO AVOID:** Extremely high temperatures.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon monoxide and carbon dioxide.

**HAZARDOUS REACTION/ POLYMERIZATION:** Will not occur

## SECTION 11

## TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY VALUES:

#### Heavy paraffinic distillates (petroleum) (oil mist):

Oral LD<sub>50</sub> (Rat) = >6000 mg/kg

Dermal LD<sub>50</sub> (Rabbit) = >2000 mg/kg

Inhalation LC<sub>50</sub> (Rat) = 8500 mg/L/4H

#### Antimony Compound:

Oral LD<sub>50</sub> (Rat) = 7000 mg/kg

Dermal LD<sub>50</sub> (Rabbit) = No data available.

Inhalation LC<sub>50</sub> (Rat) = No data available.

**IRRITANT EFFECT ON THE SKIN:** None.

**IRRITANT EFFECT ON THE EYES:** None.

**SENSITIZATION:** None.

**MUTAGENICITY:** No specific data available.

**CARCINOGENICITY:** None known.

**REPROTOXICITY/TERATOGENICITY:** None known.

**FURTHER INFORMATION ON TOXICOLOGY:** This product is not considered to be toxic based upon available data for the components.

## SECTION 12

## ECOLOGICAL INFORMATION

No ecotoxicity data available for the components.

### INFORMATION ON ELIMINATION (PERSISTENCE AND DEGRADABILITY)

**BIOACCUMULATION:** No specific data available

**ECOTOXICOLOGICAL EFFECTS:** No specific data available

**FURTHER INFORMATION ON ECOLOGY:** Do not allow to contaminate the soil, waterways or waste water

## SECTION 13

## DISPOSAL CONSIDERATIONS

**PROCEDURES:** Federal, State and/or Local approved disposal methods.

**CONTAINER CLEANING AND DISPOSAL:** Federal, State and/or Local approved cleaning and disposal methods.

## SECTION 14

## TRANSPORT INFORMATION

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING DESCRIPTION:** Not subject to the DOT regulations on dangerous goods

**INTERNATIONAL MARITIME ORGANIZATION (IMDG) SHIPPING DESCRIPTION:** Not subject to the IMCO regulations on dangerous goods

**FREIGHT CLASSIFICATION:** Petroleum, lubricating grease (NMFC 155250 SUB 2 CLASS 65)

## SECTION 15

## REGULATORY INFORMATION

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All hazardous components of this product are included on the TSCA inventory.

**CLEAN WATER ACT (CWA):** If spilled into waters of the U.S., this material may be reportable under the Clean Water Act.

**CLEAN AIR ACT (CAA):** This material is not a hazardous substance under the Clean Air Act.

- EPCRA 311/312 CATEGORIES:**
1. IMMEDIATE (ACUTE) HEALTH EFFECTS
  2. DELAYED (CHRONIC) HEALTH EFFECTS
  3. FIRE HAZARD
  4. SUDDEN RELEASE OF PRESSURE HAZARD
  5. REACTIVITY HAZARD

**THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL(S) SUBJECT TO REPORTING REQUIREMENTS OF SARA SECTION 313 (40 CFR 372):**

Component	CAS Number	Maximum %
Antimony Compound	ADQ500	1.6

**OSHA HAZARD COMMUNICATION STANDARD:** When used for its intended purposes, this material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS):**

N/A. This product is not regulated by WHMIS (Canada).

**EUROPEAN INVENTORY OF EXISTING CHEMICALS (EINECS):**

N/A. This product is not regulated under EU.

## SECTION 16

## OTHER INFORMATION

**REVISION INDICATOR:** New SDS compliant with GHS AND OSHA.

**DATE OF REVISION:** 11/14/2013

**SUPERSEDES:** 09/26/2013

**DISCLAIMER:** THIS INFORMATION IS BEING SUPPLIED TO YOU UNDER OSHA "RIGHT TO KNOW" REGULATION 29 CFR 1910.1200 AND IS OFFERED IN GOOD FAITH. THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US AND IS BELIEVED TO BE TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE. ROYAL OIL COMPANY MAKES NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THIS DATE, THE HAZARDS CONNECTED WITH THE USE OF THE MATERIAL, OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. ROYAL OIL COMPANY MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, CONCERNING THE SAFE USE OF THIS MATERIAL IN YOUR PROCESS OR IN COMBINATION WITH OTHER SUBSTANCES. ROYAL OIL COMPANY ASSUMES NO RESPONSIBILITY FOR DAMAGE OR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.