Safety Data Sheet

Rev. Date: 08/13/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Dyna-Plex 21C Orion SAE 15W40

Motor Oil
Petroleum Lubricant
Product Code: 5905

Universal Lubricants, LLC
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Wichita, Kansas 67219
Website: www.universallubes.com

1-800-444-6457 Telephone
1-316-832-3627 Product Information telephone
1-800-424-9300 US, Canada, Puerto Rico, Virgin Isl.- Emergency telephone(CHEMTREC)
+1-703-527-3887 International / Maritime Emergency telephone (CHEMTREC)

2. HAZARDS IDENTIFICATION

Physical Hazards: Not classified

Health Hazards: Skin corrosion/irritation Category 3
Eye damage/irritation Subcategory 2B

Signal Word: WARNING

Hazard Statement: H316 Causes mild skin irritation
H320 Causes eye irritation

GHS Symbol: *No Symbol*

Precautionary Statements

Prevention: P280 Wear protective gloves/protective clothing/eye protection/face protection
P264 Wash contaminated area of the body thoroughly after handling

Response: P302+P352 IF ON SKIN: Wash with soap and water
P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P363 Wash contaminated clothing before reuse
P337+P332+P313 If eye/skin irritation occurs: Get medical advice/attention

Storage: P402+P404 Store in a dry place. Store in a closed container
P403 Store in a well-ventilated place.

Disposal: P501 Dispose of contents/container with compliance to federal, state and local regulations. Contact Universal Lubricants for proper disposal options

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms: Petroleum Lubricant
Formula: Mixture
Molecular Weight: Variable

Component	CAS Number	Concentration
Base Lubricating Oils Mixture		80-90 %
Additive/Inhibitor – Trade Secret		8-12 %
Viscosity Index Improver– Trade Secret		7-10 %
Pour Point Depressant– Trade Secret		<1.0 %
Anti-foam Agent – Trade Secret		<1.0 %

4. FIRST AID MEASURES

Eyes

Move individual away and into fresh air. Immediately flush eyes with large amounts of fresh water and continue flushing until irritation subsides. Seek medical attention.

Inhalation

If breathing difficulty exists, remove individual away from exposure and into fresh air. Seek medical attention. If breathing remains difficult, administer oxygen, keep person warm and quiet, and seek immediate attention.

Skin

Remove contaminated clothing. Wash contaminated area repeatedly with soap and water. Do not reuse clothing until thoroughly cleaned and laundered. Seek medical attention for persistent irritation.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth, place individual on the left side with head down and call emergency contacts. Contact a physician, medical facility or poison control center for advice about whether to induce vomiting. Do not leave individual unattended.

Skin Injection

If product is injected into or under skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Use dry chemical, foam, carbon dioxide (CO_2) or water spray or water fog.

Specific hazards from combustion

Carbon monoxide, carbon dioxide, aldehydes, hydrocarbons, oxides of sulfur, nitrogen, phosphorus and other oxides may be products of combustion.

Special protective equipment for fire-fighters

Wear full firefighting turn-out gear (full bunker gear), and respiratory protection (SCBA). DO NOT direct a solid stream of water or foam into hot, burning pools of oil liquid since this may cause frothing and increase fire intensity. Cool fire exposed containers with water spray and avoid spreading burning material with water used for cooling purposes.

NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

6. ACCIDENTAL RELEASE MEASURES

Personal precautions and Protective equipment

Personal Protection, see section 8. Any individual not wearing protective equipment should not enter spill or contaminated area until all clean-up has been completed.

Emergency procedures

For personal emergency procedures see section 4. For fire emergency procedures see section 5. Contain spilled oil liquid if possible without posing any risk or personal injury.

Environmental precautions

Prevent spreading over a wide area. Contain spill immediately. Contact appropriate authorities of spill. Do not allow spill to enter sewer system, drains of any kind, surface water or water courses. Avoid flushing to such areas as well. Remove all sources of ignition

Methods and materials for containment and cleaning up

Soak up or absorb with appropriate inert materials such as, sand, clay, silica gel, acid binder, universal binder, sawdust, paper fiber etc. Large spills may be picked up using vacuum pumps, shovels, buckets or other means of transfer and placed into drums or any other approved and suitable containers.

7. HANDLING AND STORAGE

Precautions for safe handling

This product is not classified as a Hazardous Material under DOT regulations. See NFPA 30 and OSHA 1910.106 flammable and combustible liquids.

Conditions for safe storage

Store in only approved and marked containers. Store in a cool, dry ventilated area. Keep containers closed when not in use and during transportation. Keep containers away from flame or other ignition sources.

Incompatibilities

Strong oxidizing agents, acids, halogens.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA Final: (PEL)

Contains no substances with occupational exposure limit values.

American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV)

5.00 mg/m³ suggested for oil mist.

Respiratory protection

If vapor mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Fit testing may be required before use. Do not use compressed oxygen in hydrocarbon atmospheres. Adequate ventilation in accordance with good engineering practices must be provided to maintain concentrations below the specified exposure or flammable limits.

Hand protection

For prolonged or repeated exposures hand protection is required. Wear resistant gloves suitable for the product, contact your safety department or supplier to determine the proper hand protection.

Eye protection

Not required under normal conditions of use. If material is handled such that it could be splashed or misted into eyes, wear plastic face shield or splash resistant safety goggles or glasses with side shields.

Skin and body protection

For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, bibs, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing. Launder soiled clothes, do not reuse contaminated clothing. Proper dispose of contaminated clothing or articles that cannot be laundered such as leather gloves, boots, etc. If skin irritation develops, contact your facility safety department or safety supplier to determine the proper protective equipment for your use.

Hygiene measures

Do not use contaminated clothing, launder clothing before reuse. Wash contaminated areas of the body which may have been exposed with soap and water. Wash thoroughly before handling food and beverages. Food and beverage consumption should be avoided in work areas where hydrocarbons are present.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, Amber

Physical state: Liquid

Odor: Lubricating Oil

Specific gravity (H_2O=1): 0.8822

Melting point/freezing point: No data available

Initial boiling point and boiling range: >800ºF

Flash point (C.O.C): 250ºC, (482ºF)

Upper/lower flammability or explosive limits: No data available

Vapor pressure: Not determined

Solubility in water: Soluble in hydrocarbons, emulsifies in water

Percent volatile: Negligible

Liquid density: Not determined

Evaporation rate: Not determined

10. STABILITY AND REACTIVITY

Reactivity: May react strong with oxidizing agents.

Chemical stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions: Product will not undergo hazardous polymerization.

Conditions to avoid: Heat, open flames, oxidizing materials and mist.

Incompatible materials: Strong oxidizing agents, acids, halogens.

Hazardous decomposition products: Carbon monoxide, carbon dioxide and other oxides may be generated as products of combustion.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: No data available

Acute inhalation toxicity: No data available

12. ECOLOGICAL INFORMATION

Biodegradability: No data available

Bioaccumulation: No data available

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

Toxicity to algae: No data available

Toxicity to bacteria: No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal methods

All disposals must comply with federal, state and local regulations. Spilled or discarded material may be a regulated waste. Refer to state and local regulations. If other material was used during cleanup efforts the resultant mixture may be regulated. Department of Transportation regulations may apply for transporting of this material. Contact Universal Lubricants regarding proper recycling and disposal methods.

14. TRANSPORT INFORMATION

UN number:	Not dangerous/hazardous goods
UN proper shipping name:	Not dangerous/hazardous goods
Transport hazard class:	Not dangerous/hazardous goods
Packing group:	Not dangerous/hazardous goods
Environmental hazards:	Not dangerous/hazardous goods
U.S. DOT Road/Rail/Waterways:	Not dangerous/hazardous goods
Transport Canada Road/Rail/Waterways:	Not dangerous/hazardous goods
International Maritime Dangerous Goods:	Not dangerous/hazardous goods

15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS All components listed

DSL All components listed

TSCA All components listed

SARA Hazard Categories (311/312)

No SARA 311/312 hazards

State Regulatory Status

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

NFPA Hazard Classification

Health:	1
Flammability:	1
Reactivity:	0

HMIS Classification

Health:	1
Flammability:	1
Physical Hazards:	0
Personal Protection:	B

HEALTH	**1**
FLAMMABILITY	**1**
PHYSICAL HAZARD	**0**
PERSONAL PROTECTION	**B**

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate. However, neither Universal Lubricants, LLC nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information provided herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.