



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Dyna-Plex 21C Synzol PG 1005, 1006, 1007, 1008, 1009 Gear Oil

Gear Oil

Product Code: 15215

Universal Lubricants, A PetroChoice Company

2824 N Ohio Street

Wichita, Kansas 67219

Website: www.petrochoice.com

1-800-444-6457 Telephone

1-316-832-3627 Product Information telephone

1-800-633-8253 US, Canada, Puerto Rico, Virgin Isl.- Emergency telephone (PERS)

+1-801-629-0667 International / Maritime Emergency telephone (PERS)

2. HAZARDS IDENTIFICATION

OSHA/HCS Status:

While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of this product.

Physical Hazards: Not classified

Health Hazards: Not classified

Environmental Hazards: Not classified

Signal Word: No signal word

Hazard Statement: No known significant effects or critical hazards

GHS Symbol: *No Symbol*

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Appearance: Oil
Physical State: Liquid
Odor: Mild
Eyes: None
Skin: None
Inhalation: None
Ingestion: None

Hazards not otherwise classified (HNOC)

Other information: Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Components	CAS-No	Weight %	Trade Secret
Polyalkylene Glycol	Proprietary	80 - 100%	*

4. FIRST AID MEASURES

First aid measures

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Inhalation

In the case of inhalation of aerosol/mist consult a physician if necessary.

Skin Contact

Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

Ingestion

Drink plenty of water. Do not induce vomiting without medical advice. If symptoms persist, call a physician.

Most important symptoms/effects, acute and delayed

Symptoms: No information available

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Water. Dry chemical. Carbon dioxide (CO₂). Foam.

Unsuitable extinguishing media

No information available

Specific hazards from the chemical

In the event of fire, cool tanks with water spray.

Explosion data

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Special protective equipment for fire-fighters

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: Contaminated surfaces will be extremely slippery. Use personal protective equipment.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up

Methods for containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling:

Do not breathe vapors or spray mist. Spilling onto the container's outside will make container slippery. Avoid contact with eyes and skin.

Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep containers dry and tightly closed to avoid moisture absorption and contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Contains mineral oil, vegetable oil, and/or synthetic oil. Under conditions which may generate mists, observe the OSHA PEL of 5 mg/m³, ACGIH STEL of 10 mg/m³.

Appropriate engineering controls

Engineering measures to reduce exposure: Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Respiratory protection: In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hand protection: Nitrile rubber

Eye protection: Safety glasses

Skin and body protection: Usual safety precautions while handling the product will provide adequate protection against this potential effect

General Hygiene Consideration: Avoid contact with skin, eyes and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Oil

Color: Clear

Physical state: Liquid

Odor: Mild

Odor threshold: No information available

pH: Not applicable

Melting point/freezing point: No information available

Boiling point/boiling range: No information available

Flash point (Cleveland Open Cup): >232°C, (>450°F)

Evaporation rate: No information available

Flammability (solid, gas): No information available

Upper flammability limit: No information available

Flammability Limit in Air

Lower flammability limit: No information available

Vapor pressure: No information available

Vapor density: No information available

Specific gravity: >1.0

Water solubility: Soluble in water

Solubility in other solvents: No information available

Partition coefficient (n-octanol/water): No information available

Auto-ignition temperature: No information available

Decomposition temperature: No information available

Dynamic viscosity: No information available

Explosive properties: No information available

Oxidizing properties: No information available

Other information

Softening point: No information available

Molecular weight: No information available

VOC Content (%): No information available

Density: No information available

Bulk density: No information available

10. STABILITY AND REACTIVITY

Reactivity: Not applicable

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: None under normal processing.

Hazardous polymerization: Hazardous polymerization does not occur.

Conditions to avoid: No special storage conditions required.

Incompatible materials: Oxidizing agents.

Hazardous decomposition products: Thermal decomposition can lead to release of irritating gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product information: Product does not present an acute toxicity hazard based on known or supplied information

Eye contact: May cause slight irritation.

Skin contact: Substance does not generally irritate and is only mildly irritating to the skin.

Inhalation: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Components	Oral LD50	Dermal LD50	Inhalation LD50
Polyalkylene Glycol	-	-	= 320 mg/m ³ (Rat) 4 h

Information on toxicological effects

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

Sensitization: No sensitization responses were observed.

Mutagenic effects: Did not show mutagenic or teratogenic effects in animal experiments.

Carcinogenicity: This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Reproductive toxicity: This product does not contain any known or suspected reproductive hazards.

STOT – Single Exposure: None under normal use conditions

STOT – Repeated Exposure: None under normal use conditions

Aspiration Hazard: Not applicable

Numerical measures of toxicity – product information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral): 11188 mg/kg

ATEmix (dermal): 17577 mg/kg

ATEmix (inhalation-dust/mist): 330 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Harmful to aquatic life with long lasting effects 0.39123% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability No information available

Bioaccumulative potential: No information available

Mobility in soil: Soluble in water

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container

14. TRANSPORT INFORMATION

DOT: Not regulated by any means of transportation

15. REGULATORY INFORMATION

International Inventories

TSCA: Listed in TSCA

DSL: All of the components in this product are listed in DSL

EINECS/ELINCS: This product complies with EINECS/ELINCS

China: This product complies with China IECSC

KECL: This product complies with Korea KECL

PICCS: This product complies with Philippines PICCS

AICS: All the constituents of this material are listed on the Australian AICS

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

CWA (Clean Water Act): This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

State Regulations (RTK)

California Proposition 65: This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number: Not applicable

16. OTHER INFORMATION

The information and recommendations contained within this document are believed by PetroChoice to be accurate and reliable as of the date prepared. The information and recommendations are offered for the user's consideration and analysis and in no way guarantee the chemical specifications for the specified product. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense arising out of the product's improper use. The user should consider the information in this document in the context of how the selected product will be handled and used in conjunction with other products. It is the user's responsibility to determine that the product is suitable for the intended use.

Appropriate warnings and safe-handling procedures should be provided to all handlers and users. PetroChoice assumes no responsibility for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices within this document.

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