



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Dyna-Plex 21C Synzol CSFG NLGI #2 Grease

Synthetic Calcium Sulfonate Food Grade Grease
Lubricant

Product Code: 14738

PetroChoice, Inc.
1009 Schieffelin Road
Apex, North Carolina 27502
Website: www.petrochoice.com

1-800-545-1257 Supplier General Contact Number
1-800-633-8253 US, Canada, Puerto Rico, Virgin Island - 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:	<i>No Symbol</i>

Precautionary Statements

General:	Read label before use. Keep out of reach of children. If medical advice is needed, have product information at hand.
Prevention:	Not applicable
Response:	Not applicable
Storage:	Not applicable
Disposal:	Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

This product contains no substances, which at their given concentration, are hazardous to health.

4. FIRST AID MEASURES

Eyes

Immediately flush eyes with large amounts of fresh water and continue flushing until irritation subsides. Remove contact lenses, if present, and easy to do. Continue rinsing. Seek medical attention if irritation develops.

Inhalation

If breathing difficulty exists, remove individual away from exposure and into fresh air. Seek medical attention.

Skin

Remove contaminated clothing. Wash contaminated area repeatedly with soap and water. Seek medical attention if irritation develops.

Ingestion

Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Use dry chemical, foam, carbon dioxide (CO₂) or water spray or water fog.

Unsuitable extinguishing media

Do not direct a solid stream of water or foam into hot, burning pools of oil liquid since this may spread a fire.

Specific hazards from combustion

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

Special protective equipment for fire-fighters

Wear full firefighting turn-out gear (full bunker gear), and respiratory protection (SCBA).

Firefighting instructions

Cool fire exposed containers with water spray and avoid spreading burning material with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions and Protective equipment

Personal Protection, see section 8. Evacuate surrounding area. Keep unnecessary personnel from entering. 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.

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 place into drums or any other approved and suitable containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Conditions for safe storage

Store in only approved and marked containers. Keep containers closed when not in use and during transportation. Keep containers away from flame or other ignition sources.

Incompatibilities

May react strong with oxidizing agents, such as hydrogen peroxide, bromine, and chromic acid.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Contains mineral oil, vegetable oil, and/or synthetic oil

OSHA Final: (PEL)

5 mg/m³ suggested for oil mist

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

10 mg/m³ suggested for oil mist

Respiratory protection

If vapor mist is generated when the material is heated or handled, use approved respiratory protection. 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

If handling hot material, use proper insulated gloves.

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

Use impervious clothing (boots, gloves, aprons, bibs, etc.) over parts of the body subject to exposure. Contact your facility safety department or safety supplier to determine the proper protective equipment for your use.

Hygiene measures

Thoroughly wash contaminated areas of the body which may have been exposed with soap and water. Do not use contaminated clothing, launder clothing before reuse. Properly dispose of contaminated clothing or articles that cannot be laundered such as leather gloves, boots, etc. 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: Paste, White to Beige

Physical state: Viscous Liquid

Odor: Mild

Odor threshold: No data available

Specific gravity (H₂O=1): 1.05

Melting point/freezing point: No data available

Initial boiling point and boiling range: No data available

Flash point (Cleveland Open Cup): >230°C, (>446°F)

Upper/lower flammability or explosive limits: No data available

Vapor pressure: No data available

Vapor density (air=1): No data available

Density: No data available

Bulk density: No data available

Solubility in water: Not soluble in water

Solubility in other solvents: No data available

Autoignition temperature: No data available

Decomposition temperature: No data available

Kinematic Viscosity: No data available

Dynamic Viscosity: 300,000 – 400,000 cP

Partition Coefficient: No data available

Evaporation rate: No data available

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical stability: Stable under normal temperatures and pressures.

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

Conditions to avoid: No special storage conditions required

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: None under normal processing

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Eye contact: May cause redness, itchiness

Skin contact: Substance does not generally irritate.

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

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

Unknown Acute Toxicity: 3% of the mixture consists of ingredient(s) of unknown toxicity

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

ATEmix (oral):	6466 mg/kg
ATEmix (dermal):	4156 mg/kg
ATEmix (inhalation-dust/mist):	14.4 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity: No known hazards to the aquatic environment.

31% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Persistence and degradability: There is no data available.

Bioaccumulative potential: There is no data available.

Mobility in soil: There is 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.

Empty Containers

Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed.

14. TRANSPORT INFORMATION

U.S. DOT Road/Rail/Waterways:	Not dangerous/hazardous goods
Transport Canada Road/Rail/Waterways:	Not dangerous/hazardous goods

15. REGULATORY INFORMATION

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

International Inventories

EINECS/ELINCS: This product complies with EINECS/ELINCS
TSCA: All components listed
DSL: All components listed
China: This product does not comply 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 Hazard Categories (311/312)

No SARA 311/312 hazards

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 Regulatory Status (RTK)

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.

U.S. State RTK Regulations: Not applicable

U.S. EPA Label Information: Not applicable

EPA Pesticide Registration Number: Not applicable

NFPA Hazard Classification:

Health: 1
Flammability: 1
Reactivity: 0

HMIS Classification:

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



HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

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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