

SAFETY DATA SHEET



Conforms to HazCom 2012

Dyna-Plex 21C Grind-Eze 16

Section 1 – Identification

Product Identifier: Dyna-Plex 21C Grind-Eze 16

Other means of identification: Not available

Recommended use: Metalworking oil.

Supplier Information:

Miller Industrial Fluids, A PetroChoice Company
1751 W. Raymond Street
Indianapolis, IN 46221
Phone: (317) 634-7300
Fax: (317) 636-6761

Email: customerservice@millerif.com
Website: www.petrochoice.com
Emergency: CHEMTREC, U.S.: 1-800-424-9300
International: +1-703-527-3887
Hours of Operation: 8am – 5pm

Section 2 – Hazards Identification

GHS Classification: Aspiration Hazard – Category 1

GHS Label Elements



Hazard pictograms:

Signal Word: Danger.

Hazard Statement: May be fatal if swallowed and enters airways.

Precautionary Statements

Prevention: Do not breathe gas/mist/vapors/spray.

Response: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. If exposed or concerned: Get medical advice/attention.

Storage: Store locked up.

Disposal: Dispose of contents and container in accordance with all local, regional, national and international regulations.

Other Hazards: None known.

Section 3 – Composition/Information on Ingredients

Substance/Mixture: Mixture

Chemical Name: None

Other means of

Identification: None

CAS number/other

Identifiers: None

Component Name	Percent	CAS Number
Petroleum distillates, solvent-dewaxed light paraffinic	80-100	64742-56-9

Section 4 – First Aid Measures

Description of necessary first aid measures:

- Eye Contact:** Rinse immediately with water. Remove contact lenses, if safe and possible to do. Continue rinsing with water for at least 15 minutes. Keep impacted eye(s) wide open while rinsing. If eye irritation persists, consult a specialist.
- Inhalation:** Move person to an area with fresh air if breathing is difficult. Keep person at rest in a position comfortable for breathing. If symptoms persist, call a physician.
- Skin Contact:** Take off contaminated clothing and shoes immediately. Wash off affected area with plenty of soap and water. If symptoms persist, call a physician.
- Ingestion:** Rinse mouth with plenty of water and drink plenty of water afterwards. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most Important Symptoms/Effects, Acute and Delayed:

Defatting of the skin.

Indication of any immediate medical attention and special treatment needed:

If necessary, treat symptomatically.

Section 5 – Fire-fighting Measures

Extinguishing Media

- Suitable Extinguishing Media:** Use water spray or fog, foam, dry chemical or carbon dioxide (CO₂).
- Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.

Special Hazards arising from this mixture: During a fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters: Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask.

Section 6 – Accidental Release Measures

Personal Precautions, Protective Equipment, Emergency Procedures: Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure

adequate ventilation. If significant spillages cannot be contained, local authorities should be advised.

Methods and Materials for Containment and Cleaning up:

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where possible. Absorb in vermiculite, dry sand or other non-combustible absorbent material then place into containers. In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

Environmental Precautions:

Prevent entry into waterways, sewer, basements or confined areas. Avoid discharge to the aquatic environment. Avoid discharge into drains, watercourses or onto the ground. If the product contaminates rivers and lakes or drains, then inform the respective authorities.

Section 7 – Handling and Storage

Precautions for Safe Handling:

Do not breathe dust, fume, gas, mist, vapors or spray. Wash hands after handling and before eating. Do not get this material in contact with eyes. Avoid contact with skin. Avoid prolonged exposure. All handling should take place in a well-ventilated area. Shower after work. Remove and wash contaminated clothing promptly.

Conditions for Safe Storage:

Store locked up. Keep away from heat, sparks and open flame. Store in a well-ventilated place.

Section 8 – Exposure Controls/Personal Protection

Occupational Exposure Limits:

OSHA

Component	Type	Value
Oil mist	PEL	5mg/m ³

ACGIH

Component	Type	Value
Oil mist	TWA	5mg/m ³

NIOSH

Component	Type	Value
Oil mist	STEL	10mg/m ³
	TWA	5mg/m ³

Appropriate Engineering Controls:

Adequate ventilation should be provided whenever the material is heated or mists are generated. Provide adequate ventilation, including appropriate local extraction, to ensure that the

defined occupational exposure limit is not exceeded.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/Face Protection:	Goggles/face shield are recommended.
Hand Protection:	Polyvinyl alcohol or nitrile-rubber gloves are recommended.
Skin & Body Protection:	Chemical/oil resistant long-sleeve clothing is recommended. Launder contaminated clothing before reuse.
Respiratory Protection:	If vapors/mist concentration exceed the exposure limit(s), an appropriate certified respirator must be used.
General Hygiene Considerations:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Section 9 – Physical and Chemical Properties

Appearance:	Clear, yellow
Physical State:	Liquid
Odor:	Mild
Odor Threshold:	Not Available
pH:	Not Applicable
Melting/Freezing Point:	<10°F (<-12.2°C)
Initial Boiling Point:	>560°F (>293.3°C)
Flash Point:	>330°F (>165.6°C) COC, ASTM D92
Evaporation Rate:	<1 (nBuAC=1)
Flammability (solid,gas):	Not Available
Upper/Lower Flammability or Explosive Limits	
Flammability Limit	
Lower %:	0.9
Upper %:	7.0
Explosive Limit	
Lower %:	Not Available
Upper %:	Not Available
Vapor Pressure:	Not Available
Vapor Density:	>1 (Air=1)
Relative Density:	0.86 @60°F (15.56°C)
Solubility (water):	Insoluble
Partition Coefficient	
(n-octanol/water):	Not Established
Auto-ignition Temperature:	>600°F (315.6°C) ASTM E659
Decomposition Temperature:	Not Available
Viscosity:	14cSt @104°F (40°C) ASTM D445

Section 10 – Stability and Reactivity

Reactivity:	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability:	Stable.
Possibility of Hazardous Reactions:	Hazardous polymerization does not occur.
Conditions to Avoid:	Heat, flames and sparks. Avoid temperatures that exceed the flash point.
Incompatible Materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Decomposition products include oxides of carbon and sulfur.

Section 11 – Toxicological Information

Information on Likely Routes of Exposure

Ingestion:	May cause gastrointestinal discomfort if swallowed. Do not induce vomiting. Vomiting may increase risk of product aspiration.
Inhalation:	May be fatal if swallowed and enters airways.
Skin Contact:	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye Contact:	May be irritating to eyes.
Symptoms Related to the Physical, Chemical and Toxicological Characteristics:	Defatting of the skin. Coughing. Shortness of breath. Discomfort in the chest.

Information on Toxicological Effects

Acute Toxicity:	No information is available for this product.
Skin Corrosion / Irritation:	May cause defatting of the skin, but is neither an irritant nor a sensitizer.
Serious Eye Damage / Eye Irritation:	May cause minor irritation to eyes.
Respiratory or Skin Sensitization	
Respiratory Sensitization:	Not classified.
Skin Sensitization:	Not classified.
Mutagenicity:	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity:	No components are listed as a carcinogen by IARC, ACGIH, NTP or OSHA.
Reproductive Toxicity:	Contains no ingredient listed as toxic to reproduction.
Specific Target Organ Toxicity	Not classified
- Single Exposure	
Specific Target Organ Toxicity	Not classified
- Repeated Exposure	
Aspiration Hazard	May be fatal if swallowed and enters airways.
Chronic Effects	Prolonged exposure may cause chronic effects.

Section 12 – Ecological Information

Ecotoxicity:	No data available.
Persistence and Degradability:	No information available.
Bioaccumulative Potential:	No information available.
Mobility in Soil:	No information available.
Other Adverse Effects:	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

Section 13 – Disposal Considerations

Disposal Instructions:	Disposal of waste material should comply with all local, state, federal and provincial environmental regulations. See Section 7 for safe handling procedures and section 8 for personal protective equipment recommendations. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Empty containers or liners may retain some product residues. Follow label warnings even after container is emptied. Avoid contact of any spilled material or runoff with soil, waterways, drains and sewers.
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Section 14 – Transport Information

DOT:	Not regulated as dangerous goods.
IMDG:	Not regulated as dangerous goods.

Section 15 – Regulatory Information

U.S. Federal Regulations:	This product is a “Hazardous Chemical” as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
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United States Inventory: (TSCA 8b)	All components are listed or exempted.
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SARA 302/304:

Composition/Information on Ingredients

No products were found.

SARA 311/312 Hazard Categories:

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

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SARA 313:

No products were found.

CERCLA:

No products were found.

State Regulations:**California Prop 65:**

No components are listed.

Section 16 – Other Information

Date of Preparation: 5/05/17

Date of Last Revision: 5/05/17

Version: 1.0

Notice to reader:

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release. The information is not considered as a warranty or quality specification. 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 that exist.

End of Safety Data Sheet
