



Safety Data Sheet

Product: ULTRA Ashless GEO SAE 40 (Low Ash)

Section 1: Identification

Product Identifier: ULTRA Ashless GEO SAE 40 (Low Ash)
SDS Number:
Grades: 40
Product description: Motor oil
Intended Use:
Emergency Health and Safety Number: FOR TRANSPORT EMERGENCY call CHEMTREC: (+1) 703-527-3887 (outside the U.S.), 1-800-424-9300 (in the U.S.)

Manufacturer: ZXP Technologies 409 E Wallisville Rd. Highlands, TX 77562	SDS Information: Phone: 281-426-8800 Email: techservices@zxptech.com URL:www.zxptech.com	Customer Service: 281-426-8800
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Section 2: Hazards Identification

Classified Hazards This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.	Hazard(s) Not Otherwise Classified Repeated exposure may cause skin dryness or cracking
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Label Elements

No classified hazards

Section 3: Composition / Information on Ingredients

Component	CAS	Concentration ¹
Petroleum distillates, solvent-refined heavy paraffinic	64741-88-4	1-5%

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

Section 4: First Aid Measures

Eye Contact: Use eye wash to remove a chemical from the eye. Flush the affected eye for at least fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention if irritation persists.

Skin Contact: Wash with plenty of soap and water. Get medical attention if needed.

Inhalation (Breathing): Remove from fresh air. If breathing is difficult, have a trained individual administer oxygen.

Ingestion (Swallowing): Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.

Most Important Symptoms/Effects, both acute and delayed

Symptoms: Not determined

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed:

Note to Doctor: Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

Section 5: Fire-Fighting Measures

NFPA 704 Hazard Class

Health: 1 Flammability: 1 Instability: 0

0 (Minimal)
1 (Slight)
2 (Moderate)
3 (Serious)
4 (Severe)

Extinguishing Media Suitable and Unsuitable Extinguishing Media: Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.

Special hazards arising from the substance or mixture Fire and/or Explosion Hazards: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Advice for firefighters Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.

Hazardous Combustion Products: Carbon monoxide, smoke

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

General Measures: No health effects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS.

Environmental precautions: Do not flush to sewer. Avoid runoff into storm sewers and ditches that lead to waterways. Remove from water surface by skimming or with suitable absorbents. Do not use dispersants. Avoid runoff into storm sewers and ditches that lead to waterways.

Methods and material for containment and cleaning up:

Methods for cleaning up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Use with suitable absorbent material like granulated clay. Dispose of according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycle center.

Reference to other sections: Follow all protective equipment recommendations provided in Section 8.

Section 7: Handling and Storage

Precautions for safe handling: Mildly irritating material. Avoid unnecessary exposure.

Conditions for safe storage, including any incompatibilities: Store in a cool dry place. Isolate from incompatible materials

Incompatibilities: See Section 10

Section 8: Exposure Controls / Personal Protection

Control parameters

Chemical Name	Occupational Exposure Limits	Value
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Oil mist, mineral	OSHA PEL	5 mg/m3
Oil mist, mineral	OSHA PEL	5 mg/m3
Oil mist, mineral	OSHA PEL	5 mg/m3
Oil mist, mineral	ACGIH TLV - TWA	5 mg/m3
Oil mist, mineral	ACGIH TLV - TWA	5 mg/m3
Oil mist, mineral	ACGIH TLV - TWA	5 mg/m3
Oil mist, mineral	ACGIH STEL	10 mg/m3
Oil mist, mineral	ACGIH STEL	10 mg/m3
Oil mist, mineral	ACGIH STEL	10 mg/m3
None.	IDLH	
None.	OSHA PEL-Skin Notation	

Exposure controls:

Engineering measures: Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort.

Respiratory Protection: Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms.

Respirator Type(s): None require where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Eye Protection: No special requirements under normal industrial use.

Skin Protection: Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking and when leaving work.

Gloves: Neoprene, Nitrile

Section 9: Physical and Chemical Properties

Appearance: Amber liquid

Physical Form: Liquid

Odor: Mild Petroleum

Odor Threshold: Not available

pH: Not available

Melting Point: Not available

Boiling Point/Boiling Range: Not available

Flashpoint: 205

Burning time: Not available

Burning rate: Not available

Evaporation rate: Not available

Lower explosion limit: =1

Upper explosion limit: =10

Vapor pressure: <0.2

Vapor density: Not available

Water solubility: Negligible; 0-1%

Relative Density: 0.86

Partition coefficient (n-octanol/water): Not available

Viscosity: 56.25

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Specific Gravity: Not available

Section 10: Stability and Reactivity

Reactivity: No data available.

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation).

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide, Smoke, Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.

Section 11: Toxicological Information

Ingestion Toxicity: Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death. Likely to be practically non-toxic by ingestion based on animal data.

Skin Contact: This material is likely to be slightly irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis.

Absorption: Likely to be practically non-toxic based on animal data.

Inhalation Toxicity: No hazard in normal industrial use. Likely to be practically non-toxic based on animal data.

Eye Contact: This material is likely to be non-irritating to eyes based on animal data. No hazard in normal industrial use.

Sensitization: Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Carcinogenicity: Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer.

Reproductive and Development Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Specific target organ toxicity-Single exposure: Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.

Specific target organ toxicity-Repeated exposure: Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.

Long-Term (Chronic) Health Effects: No data available.

Aspiration toxicity: Non-hazardous under Aspiration category.

Other information: No data available.

Agents Classified by IARC Monographs

Not applicable	IARC Group 1
Not applicable	IARC Group 2A
Vinyl acetate	IARC Group 2B

National Toxicity Program (NTP) Status

Not applicable	Known Human Carcinogen
Not applicable	Reasonably Anticipated To Be A Human Carcinogen

Section 12: Ecological Information

GHS Classification:
No classified hazards

Toxicity:

Acute Aquatic ecotoxicity: Non-hazardous under Aquatic Acute Environment category

Chronic Aquatic ecotoxicity: Non-hazardous under Aquatic Chronic Environment category

Persistence and degradability: Biodegrades slowly

Bioaccumulative potential: Bioconcentration may occur

Mobility in Soil: This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

Results of PBT and vPvB assessment: No data available

Other adverse effects: Not determined

Section 13: Disposal Considerations

Disposal methods: Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

Waste Description for Spent Product: Spent or discarded material is non-hazardous according to environmental regulations.

Contaminated packaging: Recycle containers whenever possible.

Section 14: Transport Information

DOT	Proper Shipping Name: No data available. UN Number: Not regulated for road transport Hazard Class: No data available Packing Group: No data available
DOT Basic IMDG	Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO) Proper Shipping Name: No data available UN Number: No data available Hazard Class: No data available Packing Group: No data available
IATA	Marine Pollutant: No data available Proper Shipping Name: No data available UN Number: No data available Hazard Class: No data available Packing Group: No data available

Section 15: Regulatory Information

Chemical Inventories

TSCA Status: All components of this material are on the US TSCA Inventory or are exempt

US State Restrictions: Not applicable

WHMIS: Uncontrolled product according to WHMIS classification criteria.

Chemical Name	Regulation	CAS #	%
None.	CERCLA		
None.	SARA 313		
None.	SARA EHS		
None.	TSCA 12b		
None.	California Prop 65-Cancer		
None.	California Prop 65-Dev. Toxicity		
None.	California Prop 65-Reprod-fem		
None.	California Prop 65-Reprod-male		
None.	Massachusetts RTK List		

None.	New Jersey RTK List		
None.	Pennsylvania RTK List		
None.	Phode Island RTK List		
None.	Minnesota Hazardous Substance List		

Section 16: Other Information

Date of Issue:	Previous Issue Date:	SDS Number:	Status:
2-29-2024	none		FINAL

Guide to Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

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