



Safety Data Sheet

Product: ALLIED MTX PLUS DEO 15W40 CK-4/SN 5GL

Stock Number: AL015K5G

Revision Date: 04-13-2017

Replaces:

1. Identification

| | |
|---|---|
| Product: | ALLIED MTX PLUS DEO 15W40 CK-4/SN 5GL |
| Stock Number: | AL015K5G |
| Other means of identification: | |
| Synonyms: | No data available |
| Recommended use of the chemical and restrictions on use: | |
| Recommended use: | Motor Oil |
| Restrictions on use: | Uses other than those described above |
| Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: | ALLIED OIL & TIRE COMPANY 2209 S. 24th Street Omaha, NE 68108 |
| Phone number: | 402-344-4343 |
| E-mail address: | info@allied-oil.com |
| Emergency phone number: | CHEMTREC: +1 (800) 424-9300 |

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

| | |
|--|--|
| GHS Classification: | Hazardous to the aquatic environment - Acute Category 3 Hazardous to the aquatic environment - Chronic Category 4 |
| Hazard Statements: | Harmful to aquatic life; May cause long lasting harmful effects to aquatic life |
| Precautionary Statements: | |
| Prevention: | Avoid release to the environment. |
| Disposal: | Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Hazards not otherwise classified: | Avoid prolonged or repeated contact with used motor oil. Used motor oil has been shown to cause skin cancer in laboratory animals. |
| % unknown toxicity (Oral): | 12.511691 % of the mixture consists of ingredient(s) of unknown toxicity. |
| % unknown toxicity (Dermal): | 12.511691 % of the mixture consists of ingredient(s) of unknown toxicity. |
| % unknown toxicity (Inhalation Gas): | 93.447491 % of the mixture consists of ingredient(s) of unknown toxicity. |
| % unknown toxicity (Inhalation Vapor): | 93.447491 % of the mixture consists of ingredient(s) of unknown toxicity. |
| % unknown toxicity (Inhalation Dust): | 93.447491 % of the mixture consists of ingredient(s) of unknown toxicity. |

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3. Composition/information on ingredients

| Chemical Name | Common name and synonyms | CAS # | % |
|---|--------------------------|------------|---------|
| Lubricating oils, petroleum, hydrotreated spent | No data available | 64742-58-1 | 60 - 90 |

One or more hazardous ingredient(s) is claimed as a trade secret under the OSHA Hazard Communication Standard. The hazards of this (these) ingredient(s) are given on this SDS.

4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

| | |
|----------------------|--|
| Inhalation: | Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. |
| 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 soap and water. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist. |
| Ingestion: | 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, acute and delayed: None Known

Indication of immediate medical attention and special treatment needed, if necessary: Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration.

5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

| | |
|--|---|
| Suitable 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. |
| Unsuitable extinguishing media: | No data available |

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Specific hazards arising from the chemical: No data available

Hazardous combustion products: Carbon monoxide, Hydrogen sulfide, Nitrogen containing gases

Special protective equipment and precautions for fire-fighters: No data available

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Avoid release to the environment.

Methods and materials for containment and 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. Dike 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 recycling center.

7. Handling and storage

Precautions for safe handling: Mildly irritating material. Avoid unnecessary exposure. No data available

Conditions for safe storage, including any incompatibilities:

Safe storage conditions: Store in a cool dry place. Isolate from incompatible materials.

Materials to Avoid/Chemical Incompatibility: Strong oxidizing agents

8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

| Chemical component | OSHA PEL | ACGIH TLV | ACGIH STEL | IDLH |
|---|---------------------|---------------------|----------------------|-------------------|
| Lubricating oils, petroleum, hydrotreated spent | 5 mg/m ³ | 5 mg/m ³ | 10 mg/m ³ | No data available |

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

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Individual protection measures, such as personal protective equipment:

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. None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.

Respirator Type(s):

None required 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

General hygiene conditions:

No data available

9. Physical and chemical properties

Appearance (physical state, color etc.):

Physical state: Liquid

Color: Brown

Odor: Mild

Odor Threshold: Not determined

pH: Not determined

Melting point/freezing point:

Melting Point: No data available

Freezing point: No data available

Initial boiling point and boiling range (°C): Not determined

Flash Point (°C): 223

Flash Point Method: COC

Evaporation Rate: No data available

Flammability (solid, gas): No data available

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Upper/lower flammability or explosive limits:

Upper flammability or explosive limits: = 10

Lower flammability or explosive limits: = 1

Vapor pressure: No data available

Vapor density: No data available

Relative density: 0.87

Solubility(ies): Negligible

Partition coefficient: n-octanol/water: Not determined

Auto-ignition temperature: No data available

Decomposition Temperature: Not determined

Viscosity: 117.4

Volatile organic compound (VOC) content and percentage of volatiles: 0.000000

10. Stability and reactivity

Reactivity: No data available

Chemical stability: Stable under normal conditions.

Possibility of hazardous reactions: No data available

Conditions to avoid (e.g., static discharge, shock, or vibration): 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, Hydrogen sulfide, Nitrogen containing gases, 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.

11. Toxicological information

Description of the various toxicological (health) effects and the available data used to identify those effects:

Information on the likely routes of exposure: No data available

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Exposure (inhalation, ingestion, skin and eye contact):

Symptoms related to the physical, chemical and toxicological characteristics: None Known

Delayed and immediate effects and also chronic effects from short- and long-term exposure:

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.

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.

Sensitization: No data available

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.

STOT-single exposure: Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category.

STOT-repeated exposure: Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category.

Aspiration hazard: Non-hazardous under Aspiration category.

Other information: No data available

Numerical measures of toxicity (such as acute toxicity estimates):

| Chemical Name | LD50 Oral | LD50 Dermal | LC50 Inhalation |
|---|------------------------|---|-------------------|
| Lubricating oils, petroleum, hydrotreated spent | OLD50 Rat > 2000 mg/kg | Dermal LD50 Rabbit > 4480 mg/kg Dermal LD50 Rat > 2000 mg/kg | No data available |

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Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:

| Chemical Name | OSHA Carcinogen | IARC Carcinogen | NTP Carcinogen |
|---|-----------------|-----------------|----------------|
| There are no components that are known or reported to cause cancer. | | | |

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data:

| Chemical Name | CAS # | Aquatic EC50 Crustacea | Aquatic ERC50 Algae | Aquatic LC50 Fish |
|-------------------|-------|------------------------|---------------------|-------------------|
| No data available | | | | |

Persistence and degradability: Biodegrades at a moderate rate.

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.

Other adverse effects (such as hazardous to the ozone layer): No data available

13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging: Dispose of contents and container in accordance with local/regional/national/international regulations.

Contaminated packaging: Recycle containers whenever possible.

14. Transport information

Carriage of dangerous goods by road (DOT), rail or inland waterways:

DOT Basic Description: Not classified as hazardous for transport (DOT, TDG, IMO/IMDG,

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IATA/ICAO).

International carriage of dangerous goods by sea (IMDG/IMO):

No data available

International carriage of dangerous goods by air (IATA):

No data available

Environmental hazards (e.g., Marine pollutant (Yes/No)): Yes

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): No data available

Special precautions which a user needs to be aware of or needs to comply with in connection with transport or conveyance either within or outside their premises: No data available

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|-----------------------------------|
| 15. Regulatory information |
|-----------------------------------|

Safety, health and environmental regulations specific for the product in question:

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

Regulated Components:

| Chemical Name | CAS # | CERCLA | Sara EHS | Sara 313 | U.S. HAP |
|---|------------|--------|----------|----------|----------|
| Lubricating oils, petroleum, hydrotreated spent | 64742-58-1 | N | N | N | N |
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | N | N | N | N |
| Petroleum distillates, solvent dewaxed heavy paraffinic | 64742-65-0 | N | N | N | N |

| Chemical Name | CAS # | California Prop 65 - Cancer | California Prop 65 - Dev. Toxicity | California Prop 65 - Reprod fem | California Prop 65 - Reprod male |
|------------------------------|------------|-----------------------------|------------------------------------|---------------------------------|----------------------------------|
| Lubricating oils, petroleum, | 64742-58-1 | N | N | N | N |

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| | | | | | |
|---|------------|---|---|---|---|
| hydrotreated spent | | | | | |
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | N | N | N | N |
| Petroleum distillates, solvent dewaxed heavy paraffinic | 64742-65-0 | N | N | N | N |

| Chemical Name | CAS # | Massachusetts RTK List | New Jersey RTK List | Pennsylvania RTK List | Rhode Island RTK List | Minnesota Hazardous Substance List |
|---|------------|------------------------|---------------------|-----------------------|-----------------------|------------------------------------|
| Lubricating oils, petroleum, hydrotreated spent | 64742-58-1 | N | N | N | N | N |
| Petroleum distillates, hydrotreated heavy paraffinic | 64742-54-7 | N | N | N | N | N |
| Petroleum distillates, solvent dewaxed heavy paraffinic | 64742-65-0 | N | N | N | N | N |

16. Other information, including date of preparation or last revision.

SDS Prepared by: CHOLMES
Revision Date: 03-17-2017
Revision Number: 11
Reason for revision: NEW VERSION
References: No data available
Other Info: No data available

Disclaimer: This safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in

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