



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: Allied IND EP ISO 220
Product Code: HYD00053

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Not applicable
Recommended restrictions: Not applicable

1.3. Details of the supplier of the safety data sheet

Manufacturer: Allied Oil & Tire Company
2209 S. 24th Street
Omaha, NE 68108
Information Phone: sds@wd-wpp.com
E-mail: (402) 344-4343

1.4. Emergency telephone number

Emergency phone number: CHEMTREC: +1 (800) 424-9300
International: +01 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acute Toxicity - Inhalation Vapor Category 3
Acute Toxicity - Inhalation Dust / Mist Category 4

2.2. Label elements

GHS Hazard Symbols



Signal Word

Danger

Hazard Statements

H331 - Toxic if inhaled.
H332 - Harmful if inhaled.

Precautionary Statements

Prevention

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P271 - Use only outdoors or in a well-ventilated area.

Response

P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P321 - Specific treatment (see section 4).

Storage

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.

Disposal

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

Hazards not otherwise classified:

No data available.

Unknown acute toxicity (GHS-US)

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SECTION 3: Composition/information on ingredients

Chemical Name	%	CAS #	GHS Classification
Residual oils, petroleum, solvent-refined	90 - 99	64742-01-4	Acute Tox. 4; H332 Acute Tox. 3; H331
Petroleum distillates, hydrotreated heavy paraffinic	10 - 30	64742-54-7	Acute Tox. 4; H332 Acute Tox. 3; H331

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.
Eyes	None expected to be needed, however, use an eye wash to remove a chemical from your eye regardless of the level of hazard.
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.
4.2. Most important symptoms and effects, both acute and delayed	
Symptoms	Not determined
4.3. Indication of any immediate medical attention and special treatment 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: Firefighting measures

5.1. 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.

5.2. 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.

5.3. 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 dioxide, Carbon monoxide

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General Measures: No data available.

6.2. 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.

6.3. 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. 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.

6.4. Reference to other sections

Follow all protective equipment recommendations provided in Section 8.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

No special handling instructions due to toxicity.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Isolate from incompatible materials.

Incompatible materials

See Section 10.

7.3. Specific end use(s)

Not applicable

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Chemical Name	Occupational Exposure Limits	Value
Oil mist, mineral	OSHA PEL	5 mg/m ³
Oil mist, mineral	ACGIH TLV-TWA	5 mg/m ³
Oil mist, mineral	ACGIH STEL	10 mg/m ³
None.	IDLH	
None.	OSHA PEL-Skin Notation	

8.2. 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 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

Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. 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

9.1. Information on basic physical and chemical properties

Physical State	Liquid
Color	Brown
Odor	Mild
Odor threshold	Not determined
pH	Not determined
Freezing point	Not determined
Boiling Point	Not determined
Flash Point	216
Flash Point Method	COC
Evaporation Rate	Not determined
Upper Flammable/Explosive Limit, % in air	= 10
Lower Flammable/Explosive Limit, % in air	= 1
Flammability (solid, gas)	Not applicable
Vapor pressure	<0.20
Vapor Density	Not determined
Relative Density	0.89
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition	Not determined

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Coefficient

Autoignition Temperature Not determined

Decomposition Temperature Not determined

Viscosity(°C) 217.9

9.2. Other information

Volatiles, % by weight 0.000000

SECTION 10: Stability and reactivity

10.1. Reactivity No data available.

10.2. Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions Hazardous polymerization will not occur.

10.4. 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).

10.5. Incompatible materials Strong oxidizing agents

10.6. Hazardous decomposition products Carbon dioxide, Carbon monoxide

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Ingestion Toxicity Likely to be practically non-toxic by ingestion based on animal data.

Skin Contact Likely to be non-irritating to skin based on animal data. No hazard in normal industrial use.

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 Developmental 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.

Aspiration toxicity Non-hazardous under Aspiration category.

Other information No data available.

Agents Classified by IARC Monographs

Benzene IARC Group 1

Not applicable IARC Group 2A

Cumene IARC Group 2B

ethylbenzene IARC Group 2B

Ethyl acrylate IARC Group 2B

National Toxicity Program (NTP) Status

Benzene Known Human Carcinogen

Cumene Reasonably Anticipated To Be A Human Carcinogen

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SECTION 12: Ecological information

12.1. Toxicity

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

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

12.2. Persistence and degradability

Biodegrades slowly.

12.3. Bioaccumulative potential

Bioconcentration may occur.

12.4. Mobility in soil

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

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal Methods

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

Waste Disposal Code(s)

Waste Description for Spent Product

Spent or discarded material is non-hazardous according to environmental regulations.

Contaminated packaging:

Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

SECTION 14: Transport information

DOT Basic Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).

Description

SECTION 15: Regulatory information

Chemical Inventories

TSCA Status

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

U.S. State Restrictions:

Not applicable

WHMIS:

Uncontrolled product according to WHMIS classification criteria.

Chemical Name	Regulation	CAS #	%
None.	CERCLA		
1,2,4-Trimethylbenzene	SARA 313	95-63-6	0.001- 0.01
Xylene (mixed isomers)	SARA 313	1330-20-7	0.001- 0.01
Toluene	SARA 313	108-88-3	0.001- 0.01
Cumene	SARA 313	98-82-8	0.001- 0.01
ethylbenzene	SARA 313	100-41-4	0.001- 0.01
Ethyl acrylate	SARA 313	140-88-5	0.001- 0.01
Benzene	SARA 313	71-43-2	<10ppm
None.	SARA EHS		
None.	TSCA 12b		

U.S. State Regulations

Chemical Name	Regulation	CAS #	%
Cumene	California Prop 65- Cancer	98-82-8	0.001- 0.01
ethylbenzene	California Prop 65- Cancer	100-41-4	0.001- 0.01

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Chemical Name	Regulation	CAS #	%
Ethyl acrylate	California Prop 65- Cancer	140-88-5	0.001- 0.01
Benzene	California Prop 65- Cancer	71-43-2	<10ppm
Toluene	California Prop 65- Dev. Toxicity	108-88-3	0.001- 0.01
Benzene	California Prop 65- Dev. Toxicity	71-43-2	<10ppm
None.	California Prop 65- Reprod -fem		
Benzene	California Prop 65- Reprod-male	71-43-2	<10ppm
None.	Massachusetts RTK List		
None.	New Jersey RTK List		
None.	Pennsylvania RTK List		
None.	Rhode Island RTK List		
None.	Minnesota Hazardous Substance List		

HMIS Ratings:

Health: 0
 Fire: 1
 Reactivity: 0
 PPE: B

NFPA Ratings:

Health: 0
 Fire: 1
 Reactivity: 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 – Extreme

SECTION 16: Other information

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References
 ACGIH: American Conference of Governmental Industrial Hygienists
 AIHA: American Industrial Hygiene Association
 CFR: Code of Federal Regulations
 DOT: United States Department of Transportation
 GHS: Globally Harmonized System of Classification and Labeling of Chemicals
 HMIS: Hazardous Materials Identification System
 IARC: International Agency for Research on Cancer
 IATA: International Air Transportation Association
 IDLH: Immediately Dangerous to Life or Health
 IMDG: International Maritime Dangerous Goods
 NFPA: National Fire Protection Association
 NIOSH: National Institute for Occupational Safety and Health
 NTP: National Toxicology Program
 OSHA: Occupational Safety and Health Administration
 PEL: Permissible Exposure Limit
 RTK: Right-to-Know
 SARA: Superfund Amendments and Reauthorization Act
 STEL: Short-term Exposure Limit
 TLV: Threshold limit value
 TSCA: Toxic Substances Control Act
 TWA: Time weighted average
 UN: United Nations
 WHMIS: Workplace Hazardous Materials Information System

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

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SECTION 16: Other information

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 this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.