

Safety Data Sheet

US Hazard Communication Standard 2024 (29 CFR 1910.1200)

Initial Preparation Date: 07.01.2024

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Revision date: 09.10.2026

ARGuard Rock Drill Series**SECTION 1: Identification****Product Identifier****Product Name:** ARGuard Rock Drill Series**Product code:** 7701, 7707, 7797**Recommended Use of the Chemical and Restrictions on Use:****Recommended Uses:** Rock Drill Oil**Restrictions on Use:** Not determined or not applicable.**Manufacturer or Supplier Details****Manufacturer:****United States**

American Refining Group
77 North Kendall Avenue
Bradford, Pennsylvania 16701
814-368-1297
amref.com

Emergency Telephone Number:**United States**

CHEMTREC
1-800-424-9300 (24 Hours)

United States

American Refining Group
814-368-1297 (24 Hours)

SECTION 2: Hazard Identification**Classification of the chemical in accordance with paragraph (d) of § 1910.1200:** Not a hazardous substance or mixture**Label elements****Hazard Symbol(s):** None**Signal Word:** None**Hazard statement(s):** None**Precautionary Statement(s):** None**Hazards Not Otherwise Classified:** None**SECTION 3: Composition/Information on Ingredients**

Identification	Name	Weight %
CAS Number: 64742-01-4	Residual oils (petroleum), solvent-refined	40-75
CAS Number: 64741-88-4	Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	20-55

Additional information: No additional information

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SECTION 4: First Aid Measures

Description of Necessary Measures

General Notes:

Not determined or not applicable.

After Inhalation:

Not determined or not applicable.

After Skin Contact:

Not determined or not applicable.

After Eye Contact:

Not determined or not applicable.

After Ingestion:

Not determined or not applicable.

Most Important Symptoms and Effects, Both Acute and Delayed

Acute Symptoms and Effects:

Not determined or not applicable.

Delayed Symptoms and Effects:

Not determined or not applicable.

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

Immediate Medical Attention:

No additional information.

Special Treatment:

No additional information.

Notes for the Doctor:

Not determined or not applicable.

SECTION 5: Firefighting Measures

Extinguishing Media

Suitable Extinguishing Media:

Not determined or not applicable.

Unsuitable Extinguishing Media:

Not determined or not applicable.

Specific Hazards Arising From The Chemical:

Not determined or not applicable.

Special Protective Equipment and Precautions for Fire-Fighters

Special Protective Equipment:

Not determined or not applicable.

Special precautions

Not determined or not applicable.

SECTION 6: Accidental Release Measures

Personal Precautions, Protective Equipment, and Emergency Procedures:

Not determined or not applicable.

Environmental Precautions:

Not determined or not applicable.

Methods and Material for Containment and Cleaning Up:

Not determined or not applicable.

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SECTION 7: Handling and Storage

Precautions for Safe Handling:

Not determined or not applicable.

Conditions for Safe Storage, Including Any Incompatibilities:

Not determined or not applicable.

SECTION 8: Exposure Controls/Personal Protection

Only those substances with limit values have been included below.

Occupational Exposure Limit Values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Residual oils (petroleum), solvent-refined	64742-01-4	8-Hour TWA: 5 mg/m ³ (Mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction)

Biological Limit Values:

No biological exposure limits noted for the ingredient(s).

Information on Monitoring Procedures:

Not determined or not applicable.

Appropriate Engineering Controls:

Not determined or not applicable.

Individual Protection Measures, Such as Personal Protective Equipment

Eye and Face Protection:

Not determined or not applicable.

Skin and Body Protection:

Not determined or not applicable.

Respiratory Protection:

Not determined or not applicable.

General Hygienic Measures:

Not determined or not applicable.

SECTION 9: Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical state	Liquid
Color	Dark Amber to Opaque
Odor (includes odor threshold)	Mild
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flammability	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Flash point	425°F - 490°F
Auto-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
pH	Not determined or not available.

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Kinematic viscosity	102 cSt - 227 cSt (40°C mm²/s)
Solubilities	Not determined or not available.
Partition coefficient (n-octanol/water)	Not determined or not available.
Vapor pressure (includes evaporation rate)	Not determined or not available.
Density and/or relative density	7.3 lbs/gal - 7.5 lbs/gal
Relative vapor density	Not determined or not available.
Particle characteristics	Not determined or not available.

Other Information

No additional information.

SECTION 10: Stability and Reactivity

Reactivity:

Does not react under normal conditions of use and storage.

Chemical Stability:

Stable under normal conditions of use and storage.

Possibility of hazardous reactions, including those associated with foreseeable emergencies:

None under normal conditions of use and storage.

Conditions to Avoid:

None known.

Incompatible Materials:

None known.

Hazardous Decomposition Products:

None known.

SECTION 11: Toxicological Information

Acute Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:

Name	Route	Result
Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	oral	LD50 Rat: >5000 mg/kg
	inhalation	LC50 Rat: >5.53 mg/L (4 h [aerosol])
	dermal	LD50 Rabbit: >5000 mg/kg
Residual oils (petroleum), solvent-refined	oral	LD50 Rat: >5000 mg/kg
	inhalation	LC50 Rat: >5.3 mg/L (4 hr [Aerosol])
	dermal	LD50 Rabbit: >5000 mg/kg

Skin Corrosion/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Serious Eye Damage/Irritation

Assessment: Based on available data, the classification criteria are not met.

Product Data:

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No data available.

Substance Data: No data available.

Respiratory or Skin Sensitization

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data: No data available.

International Agency for Research on Cancer (IARC):

Name	Classification
Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	Not Applicable
Residual oils (petroleum), solvent-refined	Not Applicable

National Toxicology Program (NTP):

Name	Classification
Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	Not Applicable
Residual oils (petroleum), solvent-refined	Not Applicable

OSHA Carcinogens: Not applicable

Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Reproductive Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Single Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

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Aspiration toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

Interactive effects:

No additional information.

Other Information:

No additional information.

SECTION 12: Ecological Information

Ecotoxicity

Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data: No data available.

Chronic (Long-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data: No data available.

Persistence and Degradability

Product Data: No data available.

Substance Data:

Name	Result
Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	The substance is inherently biodegradable, 31% degradation measured by O2 consumption after 28 days.
Residual oils (petroleum), solvent-refined	The substance is inherently biodegradable. 3.41% degradation measured by O2 consumption after 28 days.

Bioaccumulative Potential

Product Data: No data available.

Substance Data:

Name	Result
Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	The substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
Residual oils (petroleum), solvent-refined	The substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

Mobility in Soil

Product Data: No data available.

Substance Data:

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Name	Result
Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	The substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.
Residual oils (petroleum), solvent-refined	The substance is a hydrocarbon UVCB. Standard tests for this endpoint are intended for single substances and are not appropriate for this complex substance.

Results of PBT and vPvB assessment

Product Data:

PBT assessment: This product does not contain any substances that are assessed to be a PBT.

vPvB assessment: This product does not contain any substances that are assessed to be a vPvB.

Substance Data:

PBT assessment:

Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	The substance is not PBT.
Residual oils (petroleum), solvent-refined	The substance is not PBT.

vPvB assessment:

Distillates (petroleum), solvent-refined heavy paraffinic (contains <3% DMSO extract)	The substance is not vPvB.
Residual oils (petroleum), solvent-refined	The substance is not vPvB.

Other Adverse Effects: No additional information.

SECTION 13: Disposal Considerations

Disposal Methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

Contaminated packaging:

Not determined or not applicable.

SECTION 14: Transport Information

United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Maritime Dangerous Goods (IMDG)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated

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UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	Not regulated
UN Proper Shipping Name	Not regulated
UN Transport Hazard Class(es)	None
Packing Group	None
Environmental Hazards	None
Special Precautions for User	None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Bulk Name	Not Applicable
Ship Type	Not Applicable
Pollution Category	Not Applicable

SECTION 15: Regulatory Information

United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

Export Notification under TSCA Section 12(b): None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

SARA Section 313 Toxic Chemicals: None of the ingredients are listed.

CERCLA: None of the ingredients are listed.

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

Massachusetts Right to Know: None of the ingredients are listed.

New Jersey Right to Know: None of the ingredients are listed.

New York Right to Know: None of the ingredients are listed.

Pennsylvania Right to Know: None of the ingredients are listed.

California Proposition 65:

 **WARNING:** This product can expose you to chemicals including Naphthalene and Ethyl acrylate which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Additional information: No additional information.

SECTION 16: Other Information

Disclaimer:

This product has been classified in accordance with OSHA HCS 2024 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any

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other materials, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-1-0

HMIS: 0-1-0

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End of Safety Data Sheet