



SAFETY DATA SHEET

ACP-197 – Bana Oil Mop Treatment

Date: 8-12-15

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Bana Oil Mop Treatment

Product Code ACP-197

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Mop treatment to sweep and clean floors.

Uses Advised Against For industrial and commercial use only.

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
2067 Sainte Anne St.
Detroit, Michigan 48216

Emergency Telephone Number

Company Phone Number 313-237-0277

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Aspiration Hazard	Category 1
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2 Subcategory B

Signal Word

DANGER

Hazard Statements

May be fatal if swallowed and enters airways

May cause skin and eye irritation



Appearance Light colored liquid

Physical State Liquid

Odor Banana

Precautionary Statements - Prevention

Do not taste or swallow.
Do not breathe dust/fume/gas/mist/vapors/spray
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product

Precautionary Statements – Response

IF SWALLOWED: Call a POISON CENTER or doctor/physician. Drink a large quantity of water if able. Do NOT induce vomiting. If possible, do not leave individual unattended.
IF IN EYES: Flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Immediately call a POISON CENTER or doctor/physician
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Immediately call a POISON CENTER or doctor/physician

Precautionary Statements - Storage

Store locked up. Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Aliphatic Petroleum Distillates	64742-46-7	<95
Mineral Spirits	8052-41-3	1 - 5

4. FIRST AID MEASURES

First Aid Measures

General Advice	If exposed or concerned: Get medical advice/attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If irritation persists or if contact has been prolonged, seek medical attention.
Eye Contact	Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
Ingestion	Drink plenty of water. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician.
Skin Contact	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	May cause eye and skin irritation. Ingestion can cause irritation to the digestive tract or cause a laxative effect. This material can enter the lungs directly by aspiration and cause severe lung damage or death.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians

INGESTION: If ingested, this material presents a significant aspiration and chemical pneumonitis hazard. Induction of emesis is not recommended. Consider activated charcoal and/or gastric lavage. If patient is obtunded, protect the airway by cuffed endotracheal intubation or by placement of the body in a Trendelenburg and left lateral decubitus position.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Foam. Water spray (fog). Carbon dioxide (CO2). Dry chemical.

Unsuitable Extinguishing Media Do not use water jet.

Specific Hazards Arising from the Chemical

SLIGHTLY COMBUSTIBLE. Containers may explode if exposed to extreme heat. Water spray may be ineffective on fire but can protect firefighters and cool closed containers.

Hazardous Combustion Products

None known.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Contain spill. Cover with extinguishing agent. Use water spray to cool fire exposed containers and as a protective screen.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protection required. Avoid contact with skin and eyes and inhalation of vapors. Evacuate personnel to safe areas. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Do not eat, drink or smoke when using this product.

Methods and Material for Containment and Cleaning Up

Methods for Containment

Prevent further leakage or spillage if safe to do so. Keep from storm sewers and ditches which lead to waterways.

Methods for Cleaning Up

Keep in suitable, closed containers for disposal. For small spills, sweep up. For large spills: Contain spill; absorb spilled material with inert absorbent such as clay, sand, or diatomaceous earth.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Do not breathe dust/fume/gas/mist/vapors/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Keep container closed when not in use. For Industrial or professional use only.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions	Store locked up. Store in a well-ventilated place. Keep container tightly closed and upright. Store away from incompatible materials. Store in a cool dry place. Keep out of the reach of children.
Incompatible Materials	Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Mineral Spirits 8052-41-3	TWA: 100 ppm	TWA: 500 ppm	-
Petroleum Distillates (Mineral Seal Oil) 64742-46-7	200 mg/m3	TWA 200 mg/m3	-

Appropriate Engineering Controls

Engineering Controls	Ensure adequate ventilation, especially in confined areas. Apply technical measures to comply with the occupational exposure limits. Good general ventilation should be sufficient.
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Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection	Chemical anti-splash safety goggles.
Skin and Body Protection	Polyethylene gloves or other impervious gloves.
Respiratory Protection	Not required with normal usage. Wear approved respirator in confined spaces or limited ventilation.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice. Take off all contaminated clothing and wash it before reuse. Wash face, hands and any exposed skin thoroughly after handling. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Do not handle until all safety precautions have been read and understood.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on Basic Physical and Chemical Properties**

Physical State	Liquid	Odor	Banana
Appearance	Light colored liquid	Odor Threshold	Not determined
Color	Light colored		

Property	Values	Remarks • Method
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	107 °C / 225 °F	
Evaporation Rate	< 1	(Water = 1)
Flammability (Solid, Gas)	N/A- Liquid	
Upper Flammability Limits	6.0%	
Lower Flammability Limit	0.7%	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	0.840	
Water Solubility	Insoluble in water	

Solubility in Other Solvents	Not determined
Partition Coefficient	Not determined
Auto ignition Temperature	254° C / 490° F
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not an explosive
Oxidizing Properties	Not determined
VOC Content (%)	90

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

Conditions to Avoid

Keep away from heat, sparks and open flame. Contact with incompatible materials.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon Monoxide, Carbon Dioxide from burning.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation

No significant or critical hazards.

Eye Contact

May cause redness, tearing or blurred vision.

Skin Contact

May cause dryness and irritation.

Ingestion

May be fatal if swallowed and enters airways.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum Distillates 64742-46-7	>5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms

If on skin may cause irritation, dryness, or cracking. Eye contact may result in redness, tearing or blurred vision. If swallowed may cause nausea, vomiting or diarrhea.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

If ingested, this product presents a significant aspiration and chemical pneumonitis hazard. The symptoms of pneumonitis may not show up for a few days.

Carcinogenicity

This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Persistence and Degradability

Not available

Bioaccumulation

Not available.

Mobility

Not available

Other Adverse Effects

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations. Do not reuse containers.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA

Listed

DSL

Listed

NDSL

Listed

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

ACP-197 – Bana Oil Mop Treatment

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 313

No components listed

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Mineral Spirits 8052-41-3	X	X	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 1	Instability 0	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 1	Physical Hazards 0	Personal Protection B

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release 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 other materials or in any process, unless specified in the text.

End of Safety Data Sheet