



Section 1 – Product & Company Identification

Product Name: **Bana Oil Mop Treatment**
 Product ID Number: 197
 Product Use: Sweep and Clean Floors
 EPA Reg. Number: N/A
 Manufacturer: Arrow Chemical Products, Inc.
 2067 Ste. Anne
 Detroit, MI 48216
 Telephone: 313-237-0277
 Numbers: 24 hr. Emergency Assistance: Infotrac 1-800-535-5053

Section 2 – Composition/Information on Ingredients

INGREDIENT	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Aliphatic Petroleum Distillates	64741-44-2	<90%	OSHA (PEL) 5 mg/m ³ (mist)	Not Established
Aliphatic Hydrocarbon	8052-41-3	<2%	ACGIH(TLV): 100 ppm	Not Established

Section 3 – Hazards Identification

Emergency Overview:
Potential Health Effects:
 Acute: Causes eye and skin irritation. If sprayed or misted may cause chemical pneumonia.
 Chronic: None known based on OSHA criteria.
 Carcinogenic Effects: Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4 – First Aid Measures

Eyes: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
 Skin/Clothing: Wash with plenty of water. Remove contaminated clothing. Get medical attention if irritation occurs.
 Inhalation: Evacuate to fresh air. Administer oxygen if available. Get immediate medical attention.
 Ingestion: Do NOT induce vomiting. Get immediate medical attention or advice.
 Note to Physician: Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis which can be fatal.

Section 5 – Fire Fighting Measures

Hazardous Combustion Products: None known
 Extinguishing Media: Regular foam or water fog or carbon dioxide or dry chemical.
 Fire Fighting Equipment & Instructions: Contain spill. Cover with extinguishing agent. Use water spray to cool fire-exposed containers and as a protective screen.
 Remarks on Explosion Hazard: None

Section 6 – Accidental Release Measures

Spill and Leak Procedures
 Small Spills: Sweep up.
 Large Spills: Contain spill. Absorb spilled material with inert absorbent such as clay, sand, or diatomaceous earth.
 Personal Protection for Large Spills: Polyethylene gloves or other impervious gloves.

Section 7 – Handling & Storage

Handling Procedures: Keep container closed when not in use.
 Storage Procedures: KEEP OUT OF REACH OF CHILDREN. Store in a cool dry place. For industrial and commercial use only.
 Incompatibility: None known.

Section 8 – Exposure Controls/Personal Protection

Engineering Controls: Good general ventilation should be sufficient.
Personal Protective Equipment:
 Eyes/Face: Chemical anti-splash safety goggles.
 Skin: Polyethylene gloves.
 Respiratory: Not required with normal usage. Wear approved respirator in confined spaces or limited ventilation.

The following ingredients have established exposure guidelines:

INGREDIENT:	EXPOSURE GUIDELINE	GUIDELINE VALUE
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See Section 2
 All TWAs are for an 8-hour period and all STELs are for 15 minutes unless specifically noted as being for another time period.

Section 9 – Physical & Chemical Properties

Flash Point: > 260 °F. Flammable Limits: LEL: 0.7% UEL: 6.0%
 Specific Gravity: .840
 Melting/Freezing Point: N/A
 VOC Content: 90%
 Evaporation Rate (Water = 1): <1
 pH: N/A
 Solubility: Insoluble
 Explosion Hazards: None
 Appearance and Odor: Light colored liquid, Banana Odor

Section 10: Stability & Reactivity

Chemical Stability: Stable

Incompatibilities: Strong oxidizing agents.

Hazardous Decomposition: Will not occur.



Section 11 – Toxicological Information

Routes of Entry: Eyes, Skin, Ingestion, Inhalation

Carcinogenicity: No Carcinogenicity data available for this product.

Toxicity to Animals: No data

Acute Oral LD50:

Acute Dermal LD50:

Acute Effects on Humans: Causes eye and skin irritation. If sprayed or misted may cause chemical pneumonitis

Chronic Effects: There is no known effect from chronic exposure to this product.

Special Remarks on Toxicity: None

CHEMICAL INGREDIENTS LISTED AS POTENTIAL OR KNOWN CARCINOGENS

INGREDIENT	OSHA	NTP	IARC
No ingredients listed in this section.			

Section 12 – Ecological Information

Ecotoxicity: No data available for this product.

Environmental Fate: No data.

Section 13 – Disposal Considerations

Disposal Instructions: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14 – Transportation Information

DOT Hazard Class: N/A

DOT Proper Shipping Name:

TDG Classification: Not controlled under TDG (Canada).

Section 15 – Regulatory Information

TSCA Status

All ingredients are listed on the TSCA Chemical Inventory.

DSL/NDSL: All components listed unless noted elsewhere on this MSDS.

CERCLA/SARA

SARA Title III, Sections 311/312 – This act requires reporting under the Community Right-to-Know provisions due to the inclusion of the following components of this material in one or more of the five hazard categories listed in the 40 CFR 370: Classification of this product:

SARA Title 313 – This act requires submission of annual reports of releases of the following components of this material if the threshold reporting quantities, as listed in 40 CFR 372, are met or exceeded:

CHEMICAL NAME	CAS NO.	MAXIMUM CONCENTRATION	COMMENT
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No ingredients listed in this section.

Reportable Quantities/Threshold Planning Quantities: CERCLA requires notification of the National Response Center (Telephone 1-800-424-8802) in the event of a release of quantities of the following hazardous materials contained in this product, if the release is equal to or greater than the Reportable Quantities (RQs). SARA 302/304 requires emergency planning, including agency notification, for possible release of the following components of this material, based upon the Threshold Planning Quantities (TPQs) and/or release of Reportable Quantities.

CHEMICAL NAME	REPORTABLE QUANTITY (RQ)	THRESHOLD PLANNING QUANTITY (TPQ)
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No ingredients listed in this section.

State & Provincial Right to Know & Selected Regulatory Lists

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List

CHEMICAL NAME	STATE LIST
None	None
AZ – Arizona Ambient Air Quality Guidelines	IL – Illinois Toxic Air Contaminant – Carcinogenic
CT – Connecticut Hazardous Air Pollutants	MA – Massachusetts Right to Know List
CA – California Director's List of Hazardous Substances	MN – Minnesota Hazardous Substance List
CA65C – California Prop 65 Carcinogen	NJ – New Jersey Right to Know List
CA65R – California Prop 65 Reproductive Toxin	PA – Pennsylvania Right to Know List
FL – Florida Substances List	RI – Rhode Island Hazardous Substance List
ID – Idaho Non-carcinogen Toxic Air Pollutants	

WHMIS Classification: Not controlled under WHMIS (Canada).

Section 16 – Other Information

Hazard Ratings

Hazard Rating Scale:

Hazard Rating Scale:

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0

Information Contact: Arrow Chemical Products, Inc., 2067 Ste. Anne, Detroit, MI 48216

The seller makes no warranty expressed or implied concerning the accuracy of any results to be obtained from the use of any information and no warranty expressed or implied concerning the use of the products. The buyer assumes all risks of the use and/or handling.