

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ARBORCHEM-Basal Oil
SYNONYMS: Petroleum Distillate and Emulsifier
CHEMICAL FAMILY: Petroleum Hydrocarbon Oil

MANUFACTURED FOR: ARBORCHEM PRODUCTS
941 Nixon Drive
Mechanicsburg, PA 17055
(717)766-6661

EMERGENCY CONTACT: In the event of chemical emergencies involving a spill, leak, fire exposure or accident involving chemicals-call **CHEMTREC 1-800-424-9300**

2. HAZARDOUS IDENTIFICATION

GHS CLASSIFICATIONS

HEALTH:

Causes eye irritation (Category 2B)
Causes mild skin irritation (Category 3)
May be harmful if swallowed (Category 5)
May be harmful if inhaled (Category 5)

GHS Label:



Signal Word: **WARNING**

Hazards Statements:

H303- May be harmful if swallowed
H316- Causes mild skin irritation
H320- Causes eye irritation
H333- May be harmful if inhaled

Precautionary Statements:

Prevention:

P264 – Wash hands, face and other affected areas thoroughly after handling

Response:

P332+P313 – If skin irritation occurs: Get medical advice/attention
P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313 – If eye irritation still persists: Get medical advice/attention
P304+P312 – IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS Number	Percentage
Naphthenic Oil and Emulsifiers	N/A	100%

4. FIRST AID MEASURES

EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
SKIN:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor if irritation persists.
INHALED:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.
INGESTION:	Call a poison control center or doctor immediately for treatment advice. Have the person rinse mouth and sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water spray, dry chemical, foam or carbon dioxide (CO₂)

FIRE FIGHTING PROCEDURES: Fight fire from a safe distance and protected location. Fight fire upwind to avoid hazardous vapors and decomposing products. Heat may build pressure and rupture closed containers, spreading fire and increasing risk of injury. Empty containers may contain residue product and can be dangerous. Use water spray/ fog for cooling containers and firefighters. Notify proper authorities if liquid material enters the sewer or public waters.

FIRE FIGHTING EQUIPMENT: As with any fire, wear self-contained breathing apparatus pressure demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE: Contain spill, cover with inert absorbent and transfer to waste disposal container. Aquatic toxicity: Not determined.

PERSONAL PROTECTIVE EQUIPMENT: The proper personal protective equipment for incidental releases (such as 1 liter of product released in a well ventilated area), use impermeable gloves, goggles, face shield and appropriate body protection. In the event of a large release, use impermeable gloves, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with the latest OSHA and/or ANSI recommendations.

ENVIRONMENTAL PRECAUTIONS: Stop spill at source. Construct temporary dikes of dirt, sand, or appropriate readily available material to prevent spreading of material. Close cap or valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate assistance.

CONTAINMENT AND CLEANUP: Absorb spilled liquid with polypads or other absorbent materials. Clean up with non-combustible absorbent (such as sand or soil). Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal.

7. HANDLING AND STORAGE

HANDLING: Follow all SDS/label precautions when using this product. Do not reuse the container.

STORAGE: NPFA Class IIIB Storage. Never siphon by mouth. Store in cool, dry place. Keep away from heat and open flames.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Facilitates storing or utilizing this material should be equipped with an eye wash station and safety shower.

RESPIRATORY PROTECTION: For most conditions, no respiratory protection should be needed; however, use NIOSH/MSHA approved organic vapor respirator as necessary.

TLV-TWA	5mg/m ³
TLV-STEL	5mg/m ³

EYE PROTECTION: Wear OSHA standard chemical splash goggles

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. Use impervious gloves such as neoprene.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to light amber, may be dyed blue
Odor	Light Mineral
pH	NA
Freeze/Melting Point	NA
Boiling Point/Range	>200°F
Specific Gravity (20°C)	.845
Flash Point	208°F
Color (Gardner)	Clear to light amber, may be dyed blue
Solubility in Water	Miscible
% Volatiles (24°C)	NIL
Viscosity (40°)	NA
Odor Threshold	NA
Evaporation Rate	(Ethyl Ether=1)

Upper/Lower Flammability Limits	NA
Vapor Pressure	NA
Vapor Density	NA
Partition Coefficient	NA
Auto-Ignition Point	Not established
Decomposition Temperature	Not established

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Excessive heat. Reacts violently with strong oxidizing agents.

HAZARDOUS DECOMPOSITION: Combustion may yield toxic levels of carbon oxides irritating aldehydes, and keytones.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE:

Oral LD ₅₀	Rat	>5,000 mg/kg
Dermal LD ₅₀	Rat	>5,000 mg/kg

Eye – may cause irritation to the eyes including redness, tearing, blurred vision and discomfort

Skin – may cause irritation to skin. Absorption through skin increases exposure. Prolonged exposure may cause more severe irritation such as local redness and swelling.

Inhalation – may irritate the respiratory tract and cause discomfort to nose and throat

CHRONIC: No information available.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: None available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Do not contaminate water, food, or feed by disposal.

WASTE DISPOSAL: Do not hose down drains, sewers or waterways. Do not contaminate food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all federal, state and local regulations (P501).

EMPTY CONTAINER: Product containers must be handled properly due to product residue

14. TRANSPORTATION INFORMATION

SHIPPING DESCRIPTION: Not regulated for ground transportation by US DOT

15. REGULATORY INFORMATION

SARA TITLE III (Superfund Amendments and Reauthorization Act)

Section

311/ 312 Hazard Categories- Acute Health Hazard

313 Reportable Ingredients- None

302 / 304 Emergency Planning- None

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65) – This product contains no chemical known to the state to California to cause cancer or reproductive toxicity.

TRACE ELEMENTS: Trace ingredients (if any) are present in <1% concentration (<.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute a significant additional hazard at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard 29CFR 1910.1200), US State equivalents, and Canadian Hazardous Material Identification System Standard (CFR 4)

16. OTHER INFORMATION

DISCLAIMER OF LIABILITY: The recommendation for safe handling and protection procedures are believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.