

MATERIAL SAFETY DATA SHEET

CHEMORSE, LTD

MSDS NUMBER: 10011

DATE REVISED: 1/01/08

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Arborchem Low Odor Basal Oil

DESCRIPTION: Agricultural Adjuvant

MANUFACTURER: CHEMORSE, LTD
1596 NE 58th Avenue
Des Moines, IA 50313

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS

Aliphatic and Cyclic Based Natural and Petroleum Distillates 100%

HAZARDOUS INGREDIENTS:

Hydrotreated Petroleum Distillates CAS#: 64742-46-7

Hydrotreated Petroleum Distillates CAS#: 64741-89-5

Hydrotreated Petroleum Distillates CAS#: 64742-56-9

Hazards Ratings:

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPI</u>
NFPA	1	1	0	
HMIS	1	1	0	X

EXPOSURE STANDARDS:

The ACGIH has established a TLV of 5 mg/m³ in 8 hours and a STEL of 10 mg/m³ in 15 minutes for petroleum distillates.

3. HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****

Clear, light yellow liquid with mild odor. Primary irritation to eyes and skin.

POTENTIAL HEALTH EFFECTS:

EYE:

Primary irritation to eyes; redness, tearing, blurred vision.

SKIN:

Prolonged or frequent skin contact may cause various skin disorders such as dermatitis, folliculitis, oil acne, skin acne, and edema.

INHALATION:

No hazard in normal industrial use.

INGESTION:

Substance may be harmful if swallowed.

4. FIRST AID MEASURES

EYES:

For eye contact, flush with plenty of water for 15 minutes and get medical attention if irritation persists.

SKIN:

In case of skin contact, remove exposed clothing and wash exposed skin with fresh water for 15 minutes. Seek immediate medical attention from a physician if irritation persists.

INHALATION:

Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, state resuscitation; administer oxygen, if available.

INGESTION:

If ingested, DO NOT induce vomiting; call a physician immediately.

5. FIRE FIGHTING MEASURES

FLASH POINT

> 230° F

AUTOIGNITION TEMPERATURE:

Not available

FLAMMABLE LIMITS:

Lower: Not determined

Upper: Not determined

EXTINGUISHING MEDIA:

Foam, water spray (fog), dry chemical, carbon dioxide, and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires.

SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Use fog nozzles if water is used. Do not enter confined fire space without full bunker gear. (Helmet with face shield, bunker coats, gloves and rubber boots). Use a NIOSH approved positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES**ACCIDENTAL RELEASE:**

An unauthorized release of this material to the environment may be reportable under federal law to the National Response Center. Also, state and local authorities may have additional reporting requirements of which the user of this material should be aware. Use emergency response personnel if spill is beyond the capability of in-house personnel. For small spills, dike and absorb spilled liquid with an inert absorbent. Prevent entry into sewers or waterways. Wear appropriate personal protective equipment and avoid contact with skin, eyes or clothing.

7. HANDLING AND STORAGE**HANDLING:**

Avoid contact with eyes. Do not use, spill, or store near heat or open flame. Keep this container closed when not in use and take care to prevent any water from being introduced to the contents of this container.

STORAGE:

Store product in original container only, away from other pesticides, fertilizers, food or feed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**RESPIRATORY PROTECTION:**

For most conditions, no respiratory protection should be needed; however, use NIOSH/MSHA approved organic vapor respirator as necessary. For concentrations above 1,000 ppm, use air-supplied or self-contained breathing apparatus.

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 yellow liquid
ODOR:	Light bland petroleum
pH:	N/A
SPECIFIC GRAVITY	.85-.88
FLASH POINT:	> 200° F
COLOR (GARDNER):	NA
SOLUBILITY IN WATER:	Nil

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:

Stable at ambient temperatures and atmospheric pressure.

CONDITIONS TO AVOID:

Isolate from oxidizers, heat, and open flame. Isolate from strong oxidizers such as permanganates, chromates and peroxides.

HAZARDOUS DECOMPOSITION:

Carbon monoxide, carbon dioxide from burning.

11. TOXICOLOGICAL INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Maximize product recovery for reuse or recycling. Conditions of use may cause this material to become a "Hazardous Waste", as defined by state or federal laws. Use approved treatment, transporters, and disposal sites in compliance with all applicable laws. If spill is introduced into a wastewater treatment system, chemical and biological oxygen demand will likely increase. Spill material is biodegradable if gradually exposed to microorganisms. Potential treatment and disposal methods include land farming, incineration, and land disposal.

14. TRANSPORTATION INFORMATION

DOT SHIPPING DESCRIPTION:

Not regulated

15. REGULATORY INFORMATION

SARA 313 INFORMATION:

This product contains the following substances subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Glycol ethers (fraction of product matching EPA definition) < 1.5%

16. OTHER INFORMATION

No specific notes.

DISCLAIMER OF LIABILITY

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