

MATERIAL SAFETY DATA SHEET

APPROVED BY U S LABOR DEPT, ESSENTIALLY SIMILAR TO FORM OSHA 174

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTITY: B-12 CHEMTOOL DIESEL WINTER FUEL TREATMENT (LIQUID)

PART NUMBER(S): 2501, 2505, 2516, 2532, 2555 (BLEND 6DDW)

COMPANY NAME: BERRYMAN PRODUCTS, INC.

3800 EAST RANDOL MILL RD.

ARLINGTON, TEXAS 76011

PHONE NO. (800) 433-1704

EMERGENCY RESPONSE NUMBER:

INFOTRAC: (800) 535-5053

SECTION 2. INGREDIENT AND REGULATORY INFORMATION

SARA TITLE III Section 313 Supplier Notification

This product contains the following (*) toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372.

HAZARDOUS INGREDIENTS	CAS#	WT. %	(REG. SECTION)
Petroleum Distillate	64741-85-1	75-80	(311,312)
*2-Butoxyethanol	111-76-2	1-5	(311,312,313)

MATERIAL	CAS#	TWA (OSHA)	TLV (ACGIH)
Petroleum Distillate	64741-85-1	100 ppm	N/E
*2-Butoxyethanol	111-76-2	25 ppm(S)	25 ppm(S)

MATERIAL	CAS#	CEILING	STEL (OSHA/ACGIH)
Petroleum Distillate	64742-85-1	None Known	None Known

SECTION 3. FIRE FIGHTING MEASURES

LOWER FLAMMABLE LIMIT IN AIR (% by vol): 0.6

UPPER FLAMMABLE LIMIT IN AIR (% by vol): 4.7

FLASH POINT (TEST METHOD): 145° F (TCC) (Lowest Component)

EXTINGUISHING AGENTS: Foam, Dry Chemical, Carbon Dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Cool fire exposed containers with water spray.

UNUSUAL EXPLOSION AND FIRE PROCEDURES: COMBUSTIBLE!! Firefighters should wear self contained breathing apparatus due to thermal decomposition products, and avoid skin contact.

PAGE 1 OF 4

SECTION 4. PHYSICAL DATA

APPEARANCE:	Liquid, Amber color
ODOR:	Hydrocarbon
BOILING RANGE:	193 265 C/ 380 510F
GRAVITY @ 60 F:	
SPECIFIC GRAVITY (Water=1):	0.833
POUNDS/GALLON:	6.94
VAPOR PRESSURE (mm of Hg) @ 100° F:	0.66 torr
VAPOR DENSITY (air = 1):	5 - 6
WATER ABSORPTION:	Negligible
MELTING POINT:	N/A
EVAPORATION RATE (BuAc=1):	< 1
% VOLATILE BY VOL:	85.0

SECTION 5. HEALTH HAZARDS IDENTIFICATION

HAZARDS:HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 2, REACTIVITY: 0.

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin; redness, defatting, dermatitis.

Absorption thru skin increases exposure.

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

Liquid can cause eye and skin irritation.

INHALATION:

High vapor concentrations may irritate respiratory tract.

Vapor may be harmful. Breathing vapor may cause irritation.

Acute overexposure may cause damage to kidneys, liver, and lungs.

SWALLOWING: Harmful or fatal if swallowed.
Swallowing can cause abdominal irritation, nausea, vomiting and diarrhea.

MEDICAL CONDITIONS AGGREGATED BY EXPOSURE:
Persons with severe skin, liver, heart, lung, or kidney problems should avoid use.

CHRONIC HAZARDS:
This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH as of this date greater or equal to 0.1%.

PAGE 2 OF 4

SECTION 6. FIRST AID MEASURES PROCEDURES

EYE CONTACT:
For eyes, immediately flush with plenty of water for 15 minutes. If irritation persists CALL A PHYSICIAN IMMEDIATELY.

SKIN CONTACT:
In case of contact with skin, immediately remove contaminated clothing. Wash thoroughly with soap and water. Wash contaminated clothing before reuse. If irritation persists CALL A PHYSICIAN IMMEDIATELY.

INHALATION:
After high vapor exposure, remove to fresh air. If breathing is difficult, CALL A PHYSICIAN IMMEDIATELY!

SWALLOWING:
If swallowed, give 1 or 2 glasses of water and CALL A PHYSICIAN, HOSPITAL EMERGENCY ROOM OR POISON CONTROL CENTER IMMEDIATELY. Do not induce vomiting unless instructed.

SECTION 7. REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Avoid pouring into open flames and on heated surfaces which can cause thermal decomposition.

MATERIALS TO AVOID: Strong oxidizers, painted surfaces.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, and Carbon Dioxide

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 8. SPILL, LEAK AND DISPOSAL PROCEDURES

Contain spill with inert absorbant material. Do not flush liquid down drain. Place absorbed liquid in approved container for disposal. Dispose of empty containers by approved Local procedures. Containers with liquid; Consult Local, State or Federal Disposal Authorities for approved procedures.

SECTION 9. HANDLING AND STORAGE

Keep away from heat, and open flame. Use only in well ventilated area, preferably outdoors. Keep Out Of The Reach Of Children. Store containers in a cool well ventilated area below 120 F. Do not store in direct sunlight. Do not incinerate containers. Keep lid tightly closed on containers when not in use.

SECTION 10. EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION:

LOCAL EXHAUST: Necessary

MECHANICAL (GENERAL): Acceptable

SPECIAL: None

OTHER: None

PERSONAL PROTECTIONS:

Wear solvent-resistant gloves. Safety glasses.

Respirator not required when used with adequate ventilation.

PAGE 3 OF 4

SECTION 11. TRANSPORTATION INFORMATION (DOT)

ITEM PROPER SHIPPING NAME HAZ. CLASS PKG. GROUP UN ID. No.

2516 Consumer Commodity ORM-D n/a 1993
2532,2501

2505,2555 Flammable Liquid, 3 III 1993
n.o.s. Contains:
Petroleum Distillate

SECTION 12. OTHER INFORMATION

CALIFORNIA PROPOSITION 65: This product contains no chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

PAGE 4 OF 4.

DATE PREPARED: 6-4-97