

Product Name: **Track Master Prep**

Preparation date: 5/9/06

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS REVISION #: 003

PRODUCT NAME: Track Master Prep

SYNONYMS: None

DISTRIBUTED BY: Freedom Industries, Inc.  
1015 Barlow Drive  
Charleston, WV 25311

PHONE NUMBERS: Business - (304) 720-8065  
ChemTrec - (800) 424-9300

**SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Component</b>	<b>%</b>	<b>CAS No.</b>	<b>Exposure Limits</b>
1,2,3-Propanetriol	70-95	56-81-5	OSHA PEL - 15 mg/M <sup>3</sup> (mist) OSHA PEL - 5 mg/M <sup>3</sup> (respirable fraction) ACGIH TLV - 10 mg/M <sup>3</sup> (mist)
Water	5-30	7732-18-5	Not established

**SECTION 3 - HAZARDS IDENTIFICATION**

\*\*\*\*\* **EMERGENCY OVERVIEW** \*\*\*\*\*  
Product is a clear, light-yellow liquid with little or no odor. The material may cause mild skin and eye irritation. Avoid contact with skin, eyes and clothing. Wear protective goggles and gloves when handling this product. Wash thoroughly after handling.  
\*\*\*\*\*

**POTENTIAL HEALTH EFFECTS**

EYES:  
Can cause mild irritation.

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<b>SECTION 3 - HAZARDS IDENTIFICATION (continued)</b>
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**SKIN:**

Prolonged or repeated contact may cause mild irritation. Persons with pre-existing skin conditions are particularly susceptible.

**INGESTION (swallowing):**

May mild irritation, nausea, vomiting and diarrhea.

**INHALATION (breathing):**

Spray or mist can cause irritation to the nose, throat and lungs.

**CHRONIC EFFECTS/CARCINOGENICITY:**

This product (or component) is not listed in IARC Monographs, the NTP Eleventh Annual Report or the ACGIH TLVs as a carcinogen or potential carcinogen. OSHA does not regulate it as a carcinogen.

<b>SECTION 4 - FIRST AID MEASURES</b>
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**EYE CONTACT:**

Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.

**SKIN CONTACT:**

Wash exposed area with soap and water. Remove contaminated clothing and launder before reuse.

**INGESTION (swallowing):**

If irritation or nausea develops, contact a physician.

**INHALATION (breathing):**

If affected, move to fresh air.

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**SECTION 5 - FIRE FIGHTING MEASURES**

FLASH POINT: >390° F (199° C)

FLASH POINT METHOD: PMCC

UPPER EXPLOSION LIMIT: Unavailable

LOWER EXPLOSION LIMIT: Unavailable

AUTOIGNITION TEMPERATURE: Unavailable

EXTINGUISHING MEDIA:

Dry chemical, water fog, and alcohol foam

FIRE AND EXPLOSION HAZARDS:

None known

FIRE-FIGHTING EQUIPMENT:

Keep personnel removed from and upwind. Wear full protective clothing and self-contained breathing apparatus with full face-piece. Cool containers with water. Water or foam may cause frothing which can be violent, especially if sprayed into containers of hot burning liquid. Combustion products include carbon monoxide and carbon dioxide.

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Persons not wearing protective equipment should be excluded from the area of the spill until clean up has been completed. Dike area of spill to prevent spreading and pump liquid to salvage tank. Absorb remaining liquid on vermiculite, floor absorbent or other absorbent material and shovel into containers.

**SECTION 7 - HANDLING AND STORAGE**

HANDLING:

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

STORAGE:

Keep in closed or covered containers when not in use. Store in cool dry place with adequate ventilation.

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**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

**RESPIRATORY PROTECTION:**

Not required under normal conditions of use; however, a NIOSH/MSHA approved respirator with organic vapor cartridge is recommended where there is insufficient ventilation.

**SKIN PROTECTION:**

Wear protective gloves such as Neoprene or BUNA-N.

**EYE PROTECTION:**

Chemical splash goggles in compliance with OSHA regulations are advised.

**OTHER PROTECTION:**

Impervious clothing and boots are recommended.

**ENGINEERING CONTROLS:**

Provide sufficient ventilation to maintain exposure below level of overexposure.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE:	Clear, light-yellow liquid @ 68° F (20° C)
ODOR:	Little or no odor
SPECIFIC GRAVITY:	1.2-1.3 @ 77° F (25° C)
VAPOR PRESSURE (mm Hg):	17.5 @ 68° F (20° C) (water)
VAPOR DENSITY (Air = 1):	Lighter than air
INITIAL BOILING POINT:	>212° F (100° C)
PARTITION COEFFICIENT: (n-octanol/water)	Log Kow-1.76
EVAPORATION RATE: (Ethyl Ether = 1)	<1
SOLUBILITY in WATER:	100%
VOLATILE %:	10-30%
pH:	Unavailable
pH METHOD:	Unavailable

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### SECTION 10 - STABILITY AND REACTIVITY

STABILITY (conditions to avoid):

Stable under normal conditions.

INCOMPATIBILITIES (materials to avoid):

Avoid contact with strong oxidizing agents.

DECOMPOSITION:

Carbon dioxide, carbon monoxide, acrid smoke and fumes

HAZARDOUS POLYMERIZATION:

Not known to occur

### SECTION 11 - TOXICOLOGICAL INFORMATION

IRRITATION DATA

Skin, rabbit: Not irritating

Eye, rabbit: Not irritating

### SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY

24-hr LC<sub>50</sub> – *Carassius auratus* (Goldfish): >5,000 mg/L

48-hr LC<sub>0</sub> – *Ieuciscus idus* (Golden Orfe): >250 mg/L

96-hr LC<sub>100</sub> - *Oncorhynchus mykiss* (Rainbow trout): 51,000-57,000 mg/L

24-hr EC<sub>50</sub> - *Daphnia Magna*: >10,000 mg/L

24-hr EC<sub>0</sub> - *Daphnia Magna*: >500 mg/L

#### Microorganisms

48-hr NOEC – *Chlimonas paramaecium*: >10,000 mg/L

72-hr NOEC – *Entosiphon sulcatum*: 3200 mg/L

16-hr NOEC – *Pseudomonas putida*: >10,000 mg/L

20-hr NOEC – *Uronema parduzci*: >10,000 mg/L

#### Algae

8-day NOEC – *Microcystis aeruginosa*: 2900 mg/L

8-day EC<sub>0</sub> – *Scenedesmus quadricauda*: >10,000 mg/L

Section 12 continued on next page

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**SECTION 12 - ECOLOGICAL INFORMATION (continued)**

**MOBILITY**

Low potential for sorption to soil. 1,2,3-Propanetriol will partition primarily to water.

**PERSISTANCE & DEGRADABILITY**

Readily biodegradable (OECD 301)

**BIOACCUMULATIVE POTENTIAL**

BCF: 3.162 (calculated)

**SECTION 13 - DISPOSAL CONSIDERATIONS**

Incineration is the recommended disposal method for all chemical wastes. Material collected on absorbent material may be deposited in a landfill in accordance with all applicable local, state and federal regulations.

This product, if disposed of, is not considered a hazardous waste under current RCRA definitions.

**SECTION 14 - TRANSPORT INFORMATION**

Not regulated under current DOT, IMO, or ICAO regulations.

**SECTION 15 - REGULATORY INFORMATION**

**TSCA INFORMATION:**

All components in this product are in compliance with TSCA Inventory requirements.

**SARA 313 INFORMATION:**

SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This information must be included in all MSDS that are copied and distributed for this material.

Components present in this product at a level that could require reporting under the statute are: None

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<b>SECTION 16 - OTHER INFORMATION</b>
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HAZARD RATING:

HEALTH	1	0 - LEAST
FIRE	1	1 - SLIGHT
REACTIVITY	0	2 - MODERATE
OTHER	-	3 - HIGH
		4 - EXTREME

HAZARD RATING METHOD: NFPA

REASON FOR REVISION:

Added WV DEP approval letter (Page 8).

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The product information contained herein is believed to be accurate as of the date of the Material Safety Data Sheet, and is provided without warranty, expressed or implied, as to the results of use of this information or the product to which it relates. Recipient assumes all responsibility for the use of this information and the use (alone or in combination with any other product), storage or disposal of the product, including any resultant personal injury or property damage.

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\*\*\*END OF REPORT\*\*\*

**FREEDOM INDUSTRIES, INC.**  
MATERIAL SAFETY DATA SHEET

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west virginia department of environmental protection

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Division of Water and Waste Management  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304  
Phone: (304) 926-0495  
Fax: (304) 926-0495

Joe Manchin III, Governor  
Stephanie R. Timmermeyer, Cabinet Secretary  
[www.wvdep.org](http://www.wvdep.org)

April 19, 2006

Mr. Bob Reynolds  
Freedom Industries, Inc.  
1015 Barlow Drive  
Charleston, West Virginia 25311

Dear Mr. Reynolds,

This letter serves to authorize use of Track Master Prep for a dust suppressant in the State of West Virginia. I would point out that the following restrictions would apply to the application of this product. These restrictions should be made available to any customer/applicator who intends to use Track Master Prep for a dust suppressant in the State of West Virginia. We will leave the method of notification of these restrictions to potential customers/applicators to your design.

Applications of Track Master Prep as a dust suppressant shall not take place during a storm event or when a storm event is imminent. This product shall not be mixed with hazardous waste/materials, used oils, or any other mixture that may have the potential to contaminate groundwater or surface water. I would also caution that extreme care should be taken when applying this product to prevent direct runoff into waters of the State.

This authorization is contingent upon this product being used as a dust suppressant and that any changes of product formulation, processing, manufacturing, or any other change or modification of these products or their composition shall first be communicated to the Groundwater Program of the Division of Water and Waste Management for further review prior to any subsequent use.

Promoting a healthy environment.

**FREEDOM INDUSTRIES, INC.**  
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Mr. Bob Reynolds  
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This letter should be kept for your records, and if you have further questions concerning this matter please feel free to contact me at the address or telephone number listed above.

Sincerely;



Chad C. Board  
Acting Groundwater Program Manager

cc: Lisa McClung, Director  
Mike Zeto, Chief Inspector  
John Perkins, NPDES Team Supervisor  
Janice Smithson, Biologist  
Perry Casto, Environmental Enforcement