Material Safety Data Sheet (MSDS)

Section 1: Product and Company Identification
PRODUCT NAME: Hydrobead-T
CAS NO.: N/A
MANUFACTURER: Hydrobead
ADDRESS: 3252 Holiday Court, Suite 115
La Jolla, CA 92037
EMERGENCY PHONE: 858 750 9340

Section 2: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>INGREDIENTS</th>
<th>CAS No</th>
<th>PERCENT</th>
<th>EXPOSURE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aliphatic petroleum distillates</td>
<td>64742-88-7</td>
<td>&gt;90</td>
<td>N/A</td>
</tr>
<tr>
<td>Proprietary additives</td>
<td>N/A</td>
<td>&lt;10</td>
<td>N/A</td>
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</table>

Section 3: Hazards Identification

The following hazards are associated with aliphatic petroleum distillates (hydrocarbon solvent):

Inhalation: Causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.

Ingestion: May produce abdominal pain, nausea. Aspiration into lungs can produce severe lung damage and is a medical emergency. Other symptoms expected to parallel inhalation.

Skin Contact: Causes irritation to skin. Symptoms include redness, itching, and pain.

Eye Contact: Causes irritation, redness, and pain.

Chronic Exposure: Chronic exposure may cause skin effects.

Aggravation of Pre-existing Conditions: Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of the substance.

Section 4: First Aid Measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: Aspiration hazard. If swallowed, vomiting may occur spontaneously, but DO NOT INDUCE. If vomiting occurs, keep head below hips to prevent aspiration into lungs. Never give anything by mouth to an unconscious person. Call a physician immediately.

Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Section 5: Fire Fighting Measures
Flash point: -6 °C (21 °F); TCC ASTM D56 (minimum)
Auto-ignition temp: 232 °C (450 °F); ASTM E659
Explosion:
Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Vapors can flow along surfaces to distant ignition source and flash back. Sealed containers may rupture when heated. Contact with strong oxidizers may cause fire. Sensitive to static discharge.

Fire Extinguishing Media:
Dry chemical, foam or carbon dioxide. Water may be ineffective. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode. This highly flammable liquid must be kept from sparks, open flame, hot surfaces, and all sources of heat and ignition.

Section 6: Accidental Release Measures
Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

Section 7: Handling and Storage
Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

Section 8: Exposure Controls, Personal Protection

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below TLV(s)

Personal Respirators (NIOSH Approved): If the exposure limit is exceeded and engineering controls are not feasible, a full facepiece respirator with organic vapor cartridge may be worn up to 50 times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator. WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Section 9: Physical and Chemical Properties
Density @ 60 °F.........................6.4 lbs/gal
Evaporation Rate (n-BuAc=1).......4
Solubility in Water....................Negligible
Boiling Point @760 mmHg ..........213°F / 100°C
Vapor Density (Air=1)..............4.9
Physical State: Liquid
VOC Content (g/L): 740.00
Odor: Hydrocarbon
Appearance: White to clear liquid

Section 10: Stability and Reactivity
Stability: Stable
Materials to avoid: Strong oxidizing agents
Hazardous polymerization: Does not occur
Hazardous decomposition products: None indicated

Section 11: Toxicological Information
Aliphatic Petroleum Distillates: (CAS 64742-88-7)
LD₅₀ Rat (oral) > 5000 mg/kg
LD₅₀ Rabbit (dermal) >3,000 mg/kg
LC₅₀ Rat, 4 hours (inhalation) >5500 ppm

Proprietary Additives:
LD₅₀ Rat (oral) > 5000 mg/kg
LD₅₀ Rabbit (dermal) >3,000 mg/kg
LC₅₀ Rat, 4 hours (inhalation) >5500 ppm

Section 12: Ecological Information
Data is not yet available.

Section 13: Disposal Considerations
Do not empty contents into drains.
RCRA 40 CFR 261 Classifications:
As packaged and after use, it does not meet the criteria of a hazardous waste as defied under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.
Federal, State, and Local laws governing disposal of material can differ.
Ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transport Information
DOT
Proper Shipping Name: Consumer Commodity
UN#: 1950
Hazard Class/Label: ORM-D/ORM-D
Packing Group: NA
Emergency Response Guide: NA

IATA
Proper Shipping Name: AEROSOLS, FLAMMABLE
IATA UN Number: 1950
Hazard Class/Label: 2.1/Flammable
Packing Group: NA
Emergency Response Guide: NA
IMDG
Proper Shipping Name: AEROSOL
IATA UN Number: 1950
Hazard Class/Label: 2.1/Flammable
Packing Group: NA
Emergency Response Guide: F-D, S-U

Section 15: Regulatory Information
311/312 HAZARD CATEGORIES
Fire Hazard - Yes
Pressure Hazard - Yes
Reactivity Hazard - No
Immediate Hazard - Yes
Delayed Hazard – No

CHEMICAL INVENTORIES
Chemical components of this material are in compliance with TSCA requirements. The components of this product are in compliance with the chemical notification requirements of TSCA. All applicable chemical ingredients in this material are listed on the European Inventory of Existing Chemical Substances (EINECS).

Section 16: Other Information
NFPA Ratings: Health: 2 Flammability: 3 Reactivity: 0

LABEL INFORMATION:
For Shipping Label information refer to section 14
Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):
S2: Keep out of the reach of children
S15: Keep away from heat
S26: In case of contact with eyes, rinse immediately with plenty of water.
S28: After contact with skin, wash immediately with plenty of soap and water.
S51: Use only in well-ventilated areas
S62: If swallowed, do not induce vomiting: seek medical advice immediately.

MSDS Creation Date: 10/10/2010
Last Updated: 4/27/2011

The information above is believed to be accurate and represents the best information currently available to us and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. This document is offered solely as a guide for the customer's consideration. investigation and verification, and is intended only as a guide to the appropriate precautionary handling of the material by a property trained person using this product. These suggestions do not replace state, municipal and/or insurance requirements. Any use of this information must be determined by the user to be in accordance with applicable Federal, state and local regulations. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. It is the user’s responsibility to satisfy himself as to the suitability and completeness of such information for his own particular application. In no event shall Seashell Technology, LLC be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Seashell Technology, LLC has been advised of the possibility of such damages. See reverse side of invoice or packing slip for additional terms and conditions of sale.