CASTOR OIL #1 CONCENTRATE
CONCRETE RELEASE AGENT BASE FOR LATEX RUBBER MOLDS

PRODUCT DESCRIPTION: Specco Castor Oil #1 Concentrate is a pure castor oil grade most commonly used in the ornamental concrete statuary market. Castor Oil #1 Concentrate is recommended as the vegetable oil of choice by many latex rubber mold manufacturers for both release performance and mold preservation. Castor Oil #1 Concentrate has a low solvency and will not harm or swell the latex base that can occur with other vegetable or petroleum oil bases over time with repeated use. The diluted Castor Oil #1 Concentrate could also be used safely on rubber release texturing or stamping mats used in the decorative concrete market.

BENEFITS:
- Low solvency vegetable oil will not harm any latex rubber composition molds over time unlike petroleum based offsets
- Dissolves easily with little mixing
- Non-flammable concentrate base reduces shipping requirements
- Classified as a biodegradable release composition

COMPOSITION: Castor oil #1-classified chemically as a triglyceride

LEED CREDIT CONSIDERATIONS: Materials and Resources: MR Credit 5.2: Regional materials- Greater than 20% extracted, processed and manufactured regionally at production location: Kankakee, Il. 60901. 90% Content- Harvested within 500 miles.

<table>
<thead>
<tr>
<th>PHYSICAL PROPERTIES at 70° F (21°C):</th>
<th>APPROXIMATE VALUES:</th>
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<tbody>
<tr>
<td>Weight per Gallon:</td>
<td>8.00 +/- 0.1 lb./ gallon</td>
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<tr>
<td>Color/odor:</td>
<td>Light amber, clear liquid with slight fatty acid type odor</td>
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<tr>
<td>Viscosity-Brookfield:</td>
<td>250 cps +/- 50 cps</td>
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<tr>
<td>Flash Point:</td>
<td>&gt;440° F (227°C)-open cup method</td>
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<tr>
<td>V.O.C. Content (% Volatiles):</td>
<td>Contains no VOC compounds</td>
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DIRECTIONS FOR USE: Castor Oil #1 Concentrate is typically diluted before use. Contact Specco Industries for recommended dilution options. Once diluted, application can be made most practically by use of a conventional pump up low pressure sprayer. The diluted Castor Oil #1 Concentrate can also be applied by brush, roller, rag, or hand wiping if needed. **Apply in as thin a film as possible** to the mold substrate. Application rates can vary from **1500 to 2000 square feet/gallon** depending on application type. Once applied, the oil film should be allowed to dry before pouring or filling the mold with concrete to help minimize the number of bug-holes or surface voids generated in the cast concrete when it is stripped.

CAUTIONS: The Castor Oil #1 Concentrate must be diluted before use to achieve optimum release properties. If used undiluted or with inadequate dilution at thick consistency, the results will be surface staining or high mold build-up with possibly some surface voids present in the concrete surface. Colder temperatures will increase the viscosity of castor oil; therefore, it should be stored at room temperature to help achieve a thin application film.
GHS HAZARD RATINGS: WARNING: NONE

FIRST AID: Refer to product S.D.S. (Safety Data Sheet) for complete health and safety information before using this product. Do not take internally. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. FOR MEDICAL EMERGENCIES ONLY –CALL INFOTRAC AT 800-535-5053.

H.M.I.S. CODES (Hazardous Materials Identification System): HEALTH = 0, FLAMMABILITY = 1, REACTIVITY = 0, PERSONAL PROTECTION = C

SHIPPING NAMES: Vegetable oil triglyceride –Non-hazardous- Not regulated by D.O.T.

SHIPPING CLASS: ITEM 155250, SUB 2, LTL 65 (NON-HAZARDOUS)

STORAGE: Ideal storage is between 60º to 80º F. Keep from freezing

SHELF LIFE: 1 year properly stored. Depending on storage conditions, the shelf life may be extended

PACKAGING: 5 gallon (18.9 L) pails, 55 gallon (208 L) drums

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