

CASTOR OIL #1 CONCENTRATE CONCRETE RELEASE AGENT BASE

PRODUCT DESCRIPTION: Castor oil #1 is a pure castor oil grade most commonly used in the ornamental concrete statuary market. Castor oil #1 is recommended as the vegetable oil of choice by many latex rubber mold manufactures for both release performance and mold preservation. Castor oil #1 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 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 PETROLUEM 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

| PHYSICAL PROPERTIES at 70° F (21°C): | APPROXIMATE VALUES: |
|--------------------------------------|--|
| Weight per Gallon: | 8.00 +/- 0.1 lb./ gallon |
| Color/odor: | Light amber, clear liquid with slight fatty acid type odor |
| Viscosity-Brookfield: | 250 cps +/- 50 cps |
| Flash Point: | >440° F (227°C)-open cup method |
| V.O.C. Content (% Volatiles): | Contains no VOC compounds |

DIRECTIONS FOR USE: Castor oil #1 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 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 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.

WARNINGS: Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. Do not take internally. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. For medical emergencies only, call Chemtrec at 1-800-424-9300.

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- No placards required per DOT regulations

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

STORAGE: Ideal storage is between 60° to 80° 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



LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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