

COMPANY IDENTITY: PACKAGING SERVICE CO., INC.  
PRODUCT IDENTITY: CROWN RAW LINSEED OIL  
REVISION DATE: 11/12/2008

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SUPERCEDES: 12/29/2000

#### MATERIAL SAFETY DATA SHEET

This Material Safety Data Sheet conforms to the requirements of ANSI Z400.1, using the International Chemical Safety Cards of the Global Harmonizing System.

THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this MSDS before handling & disposing of this product.

Pass this information on to employees, customers, & users of this product.

#### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

PRODUCT IDENTITY: RLO001  
COMPANY IDENTITY: PACKAGING SERVICE CO., INC.  
COMPANY ADDRESS: 1904 MYKAWA ROAD  
COMPANY CITY: PEARLAND, TX 77581  
COMPANY PHONE: 1-281-485-1458  
CHEMTREC PHONE: 1-800-424-9300

#### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CONTAINS: 100% LINSEED OIL (RAW) (20761-33-4),  
Number in parentheses is CAS #, number in brackets is European EC #.

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#### SECTION 3. HAZARDS IDENTIFICATION

##### RISK STATEMENTS:

R36/37/38 Irritation to eyes, respiratory tract, and skin.

##### SAFETY STATEMENTS:

S24/25 Avoid contact with skin and eyes.

WARNING: SPONTANEOUS COMBUSTION may result from materials such as rags, steel wool, paper and clothing soaked in linseed oil. Place in a sealed water filled metal container to prevent spontaneous combustion.

Prolonged skin contact may cause irritation or dermatitis.  
Contact with eyes may cause burning or tearing.  
Inhalation of mist may cause irritation of respiratory tract.

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#### SECTION 4. FIRST AID MEASURES

##### EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

##### SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing.  
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

##### INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR).

##### SWALLOWING:

Rinse mouth. Do NOT give liquids to an unconscious or convulsing person.

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#### SECTION 5. FIRE FIGHTING MEASURES

##### FIRE & EXPLOSION PREVENTIVE MEASURES

Isolate from heat and open flame. Do not allow rags, steel wool, paper, and clothing to remain in contact with this material.

##### EXTINGUISHING MEDIA

Use appropriate extinguishing media for surrounding fires.

##### SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.  
Do not enter confined fire-space without full bunker gear.  
(Helmet with face shield, bunker coats, gloves & rubber boots).  
Use NIOSH approved positive-pressure self-contained breathing apparatus.

##### UNUSUAL EXPLOSION AND FIRE PROCEDURES

Keep container tightly closed.  
Closed containers may explode if exposed to extreme heat.  
Applying to hot surfaces requires special precautions.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

##### PERSONAL PROTECTIVE MEASURES:

Keep unprotected personnel away.  
Wear appropriate personal protective equipment given in Section 8.

##### CONTAINMENT AND CLEAN-UP MEASURES:

Stop spill at source. Dike and contain.  
Collect leaking & spilled liquid in sealable containers as far as possible.

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## SECTION 7. HANDLING AND STORAGE

### HANDLING

Use only with adequate ventilation.  
Avoid prolonged or repeated contact with skin.  
Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.  
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

### STORAGE

Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage.  
Isolate from heat and open flame. Do not allow rags, steel wool, paper, and clothing to remain in contact with this material.

RLO001 SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

### RESPIRATORY EXPOSURE CONTROLS

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

### VENTILATION

|                      |              |
|----------------------|--------------|
| LOCAL EXHAUST        | : Necessary  |
| MECHANICAL (GENERAL) | : Acceptable |
| SPECIAL              | : None       |
| OTHER                | : None       |

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

### PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.  
Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse.

### WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.  
Wash at end of each workshift & before eating, smoking or using the toilet.  
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

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SECTION 9. PHYSICAL DATA

|  |                                      |
|--|--------------------------------------|
| APPEARANCE :                                     | Liquid, Straw to Water-White         |
| ODOR :   | Mild                                 |
| BOILING RANGE :                                  | Not Applicable                       |
| AUTO IGNITION TEMPERATURE :                      | Not Applicable                       |
| LOWER FLAMMABLE LIMIT IN AIR (% by vol):         | Not Applicable                       |
| FLASH POINT (TEST METHOD):                       | Not Applicable                       |
| FLAMMABILITY CLASSIFICATION:                     | Class IIIB                           |
| GRAVITY @ 68/68 F / 20/20 C :                    |                                      |
| API :  | 20.7                                 |
| SPECIFIC GRAVITY (Water=1) :                     | 0.930                                |
| POUNDS/GALLON :                                  | 7.747                                |
| VOC'S (>0.44 Lbs/Sq In) :                        | 0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal |
| TOTAL VOC'S (TVOC) :                             | 0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal |
| NONEXEMPT VOC'S (CVOC) :                         | 0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal |
| HAZARDOUS AIR POLLUTANTS (HAPS) :                | 0.0 Wt. % / 0.0 g/L / 0.000 Lbs/Gal  |
| VAPOR PRESSURE (mm of Hg)@20 C                   | 0.0                                  |
| NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C) | 0.0                                  |
| VAPOR DENSITY (air=1) :                          | Not Applicable                       |
| WATER ABSORPTION :                               | Negligible                           |

SECTION 10. STABILITY & REACTIVITY

STABILITY

Stable under normal conditions.

CONDITIONS TO AVOID

Not Applicable.

MATERIALS TO AVOID

Isolate from oxidizers. Do not allow rags, steel wool, paper, clothing to remain in contact with this material.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Oxides from heating.

HAZARDOUS POLYMERIZATION

Will not occur.

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SECTION 11. TOXICOLOGICAL INFORMATION

| MATERIAL          | CAS #      | TWA (OSHA) | TLV (ACGIH) | HAP |
|-------------------|------------|------------|-------------|-----|
| Linseed Oil (Raw) | 20761-33-4 | None Known | None Known  | No  |

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

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RLO001 SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

| MATERIAL | CAS # | CEILING    | STEL (OSHA/ACGIH) |
|----------|-------|------------|-------------------|
|          |       | None Known | None Known        |

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.  
Primary irritation to eyes, redness, tearing, blurred vision.  
Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Vapor harmful.

SWALLOWING:

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED:None Known.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER 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%.

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#### SECTION 12. ECOLOGICAL INFORMATION

##### MAMMALIAN INFORMATION:

No mammalian information is available on this product.

##### AQUATIC ANIMAL INFORMATION:

No aquatic environmental information is available on this product.

##### MOBILITY

Mobility of this material has not been determined.

##### DEGRADABILITY

This product is completely biodegradable.

##### ACCUMULATION

Bioaccumulation of this product has not been determined.

#### SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options.  
Recycle / dispose of observing national, regional, state, provincial and local  
health, safety & pollution laws. If in doubt, contact appropriate agencies.

#### SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: None  
DRUM LABEL: None  
IATA / ICAO: None  
IMO / IMDG: None  
EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

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#### SECTION 15. REGULATORY INFORMATION

##### EPA REGULATION:

SARA SECTION 311/312 HAZARDS: None Known

All components of this product are on the TSCA list.  
This material contains no known products restricted under SARA Title III,  
Section 313 in amounts greater or equal to 1%.

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RLO001 SECTION 15. REGULATORY INFORMATION (CONTINUED)

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This product contains no chemicals known to the State of California to cause cancer & reproductive toxicity.

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:  
Australia, Canada, China, Europe (EINECS), Japan, Korea, United Kingdom.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 0, HEALTH (HMIS): 0, FLAMMABILITY: 1, REACTIVITY: 0  
(Personal Protection Rating to be supplied by user based on use conditions.)  
This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 3 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this MSDS) before handling it.

NOTICE

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. 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 publication 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. Unless updated, this Material Safety Data Sheet is valid until 11/12/2011.