

COMPANY IDENTITY: PACKAGING SERVICE CO., INC.
PRODUCT IDENTITY: CROWN LIQUID DEGLOSSER NEXT
NEW MSDS DATE: 12/04/2008

DATE: 11/06/08
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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: CROWN LIQUID DEGLOSSER NEXT
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:

10-20%	MEDIUM ALIPHATIC SOLVENT NAPHTHA (*64742-88-7),
0- 5%	ETHYLENE GLYCOL BUTYL ETHER (111-76-2)[203-905-0],
	Proprietary soy-based mixture

Specific chemical identities will be made available to medical professionals and others as required by 29 CFR 1910.1200 (i)(iv).

Number in parentheses is CAS #, number in brackets is European EC #. This product has a mixture of n- and iso- paraffins, aromatic hydrocarbons, & naphthenes. Depending on the raw material & production processes, the composition & physical properties of this solvent can vary considerably. The contents of benzene is much less than 0.1% by volume.

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SECTION 3. HAZARDS IDENTIFICATION

EXPOSURE PREVENTION: AVOID ALL CONTACT!

RISK STATEMENTS:

R36/37/38	Irritating to eyes, respiratory system and skin.
R20/22	Harmful by inhalation, and if swallowed.
R65	Harmful: may cause lung damage if swallowed.

SAFETY STATEMENTS:

S24/25	Avoid contact with skin and eyes.
S36/37	Wear suitable protective clothing and gloves.
S2	Keep out of the reach of children.
S23	Do not breathe gas, fumes, vapor, or spray.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident, or if you feel unwell, seek medical advice immediately. (Show the label where possible).
S46	If swallowed, seek medical advice immediately, and show this container or label.
S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.

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). CALL A PHYSICIAN immediately!

SWALLOWING: Rinse mouth. Give plenty of water to drink. Do NOT induce vomiting. GET MEDICAL ATTENTION IMMEDIATELY. Do NOT give liquids to an unconscious or convulsing person.

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SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES: Non-flammable mixture

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL EXPLOSION AND FIRE PROCEDURES: SLIGHTLY COMBUSTIBLE! Keep container tightly closed. Isolate from oxidizers, heat, & open flame. Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions. Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE MEASURES: Keep unprotected personnel away. Use complete chemical protective suit with self-contained breathing apparatus.

CONTAINMENT AND CLEAN-UP MEASURES: Stop spill at source. Dike and contain. Sweep spilled material into dry, sealable containers. Absorb remaining liquid in sand or inert absorbent. Do NOT wash away into sewer.

SECTION 7. HANDLING AND STORAGE

HANDLING: Isolate from oxidizers, heat, & open flame. Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Do not get in eyes, on skin or clothing. Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear gloves, apron & footwear impervious to this material. Wash clothing before reuse. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld. Continue all label precautions! NEVER pour water into this substance. When dissolving or diluting, always add it slowly to the water.

STORAGE: Keep separated from strong oxidants, strong acids, metals, food & feedstuffs. Keep dry. When using, loosen bung slowly to relieve pressure. Do not store above 38 C/100 F. Keep container tightly closed & upright when not in use to prevent leakage.

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.

SECTION 9. PHYSICAL DATA

APPEARANCE : Liquid, Green
ODOR : Lemon
BOILING RANGE : 102 107 203* C / 216 225 398* F (*=End Point)
AUTO IGNITION TEMPERATURE : 232 C / 450 F (Lowest Component)
LOWER FLAMMABLE LIMIT IN AIR (% by vol): 0.9 (Lowest Component)
FLASH POINT (TEST METHOD): No Flash to Boiling Point
FLAMMABILITY CLASSIFICATION: Class IIIB
GRAVITY @ 68/68 F / 20/20 C :
API : 15.4
SPECIFIC GRAVITY (Water=1) : 0.963
POUNDS/GALLON : 8.024

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VOC'S (>0.44 Lbs/Sq In):	0.0 Vol. % / 0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC):	19.4 Vol. % / 158.0 g/L / 1.316 Lbs/Gal
NONEXEMPT VOC'S (CVOC):	19.4 Vol. % / 158.0 g/L / 1.316 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt. % / 0.0 g/L / 0.000 Lbs/Gal
VAPOR PRESSURE (mm of Hg) @ 20 C	17.1
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0
VAPOR DENSITY (air=1) :	0.7
WATER ABSORPTION :	Complete
pH (Neutrality) :	10.0
REFRACTIVE INDEX :	1.354

SECTION 10. STABILITY & REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Isolate from oxidizers, heat, & open flame.

MATERIALS TO AVOID: Reacts violently with fire extinguishers containing water. The substance is a weak base, reacts with acids. Reacts with water generating sufficient heat to ignite combustible materials. Reacts with ammonium salts to produce ammonia & causing fire hazard. Rapidly absorbs carbon dioxide & water from the air. Contact with moisture will generate heat.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 11. TOXICOLOGICAL INFORMATION

MATERIAL	CAS #	TWA (OSHA)	TLV (ACGIH)	HAP
Water	7732-18-5	None Known	None Known	No
Medium Aliphatic Solvent Naphtha	*64742-88-7	5 mg/m3	5 mg/m3	No
Ethylene Glycol Butyl Ether	111-76-2	50 ppm S	20 ppm S	No
SG1000		None Known	50 ppm	No
Soy Esters	67784-80-9	None Known	None Known	No
Citrus Esters		None Known	None Known	No
Surfactants	9016-45-9	None Known	None Known	No

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%. Using manufacturers' data, based on EPA Method 311, the following EPA Hazardous Air Pollutants may be present in trace amounts (less than 0.1%): Cumene, Polycyclic Aromatics

MATERIAL	CAS #	CEILING	STEL(OSHA/ACGIH)
Potassium Hydroxide	1310-58-3	2 ppm	None Known

ACUTE HAZARDS

EYE & SKIN CONTACT: Primary irritation to skin, defatting, dermatitis. Absorption thru skin increases exposure. Primary irritation to eyes, redness, tearing, blurred vision. Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION: Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful. Breathing vapor can cause irritation. Acute overexposure can cause harm to kidneys, blood, nerves, liver, lungs. The applicable occupational exposure limit value should not be exceeded during any part of the working exposure.

SWALLOWING: Harmful or fatal if swallowed. Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea. The symptoms of chemical pneumonitis may not show up for a few days.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED: Chronic overexposure can cause harm to kidneys, blood, nerves, liver, lungs. Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS: Liver tumors have been reported in laboratory mice. Leukemia been reported in humans from Benzene. This product contains less than 1 ppm of Benzene. Not considered hazardous in such low concentrations. Absorption thru skin may be harmful.

SECTION 12. ECOLOGICAL INFORMATION

MAMMALIAN INFORMATION:

MATERIAL	CAS #	LOWEST KNOWN LETHAL DOSE DATA
Ethylene Glycol Butyl Ether	111-76-2	LOWEST KNOWN LD50 (ORAL) 320.0 mg/kg(Rabbits)
Ethylene Glycol Butyl Ether	111-76-2	LOWEST KNOWN LC50 (VAPORS) 700 ppm (Mice)
Ethylene Glycol Butyl Ether	111-76-2	LOWEST KNOWN LD50 (SKIN) 440.0 mg/kg (Rabbits)

AQUATIC ANIMAL INFORMATION: The most sensitive known aquatic group to any component of this product is: Tidewater Silversides 1250 ppm or mg/L (96 hour exposure). Keep out of sewers and natural water supplies. The substance may be hazardous in the environment. Special attention should be given to water organisms. Environmental effects of the substance have not been investigated adequately.

MOBILITY: This material is a mobile liquid.

DEGRADABILITY: This product is partially 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.
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: Acute Health All components of this product are on the TSCA list. SARA Title III Section 313 Supplier Notification This product contains the indicated <*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

SARA TITLE III INGREDIENTS	CAS# WT.	% (REG. SECTION)	RQ(LBS)
*Ethylene Glycol Butyl Ether	111-76-2	< 3 (313)	None
Potassium Hydroxide	1310-58-3	<0.2 (311,312)	1000

STATE REGULATIONS: THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR 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): 1 HEALTH (HMIS): 1 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.

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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 12/04/2011.