

PRO CHEM, INC.

1475 BLUEGRASS LAKES PKWY.
ALPHARETTA, GA 30004
EMERGENCY/INFO # (800) 241-8180
ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

MATERIAL SAFETY DATA SHEET**ECO RELEASE / 2282****OCTOBER 2009****PAGE 1**

HEALTH	1
FIRE	1
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

SECTION 1 – Chemical and Company Identification**Chemical formulation:** Water-based release agent**SECTION 2 – Composition on Ingredients**

Values reported as TWA unless noted.

COMPONENT	CAS #	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR 302	305	372
Potassium Hydroxide	1310-58-3	1.00-3.00	2 mg/m ³ C	2 mg/m ³ C	Y	N	N
Tetrasodium EDTA	64-02-8	1.00-5.00	N/E	N/E	N	N	N
Blended Tall Oil distillates	8002-26-4	5.00-15.00	N/E	N/E	N	Y	N
Methyl Ester of soy bean oil	67784-80-9	<3.00	N/E	N/E	N	N	N

SECTION 3 – Hazards Information**ROUTES OF ENTRY:** Eye contact, skin contact, ingestion.**EFFECTS OF OVEREXPOSURE:**

- EYE CONTACT:** Irritation, redness, tearing.
SKIN CONTACT: Irritation, chapping and dermatitis, with prolonged or repeated exposure.
INHALATION: Irritation to upper respiratory tract.
INGESTION: Nausea, cramps, diarrhea.

INGREDIENTS THAT ARE DEFINED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN**CARCINOGENS:** None**SECTION 4 – First Aid Measures****EYE CONTACT:** Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists obtain medical attention.**SKIN CONTACT:** Flush skin with water while removing contaminated clothing. If irritation persists, obtain medical attention. Launder clothing separately before reuse.**INHALATION:** Remove person to fresh air.**INGESTION:** Contact physician or poison control center immediately. Give affected person several glasses of water. Do not induce vomiting. Never give anything to an unconscious person.**SECTION 5 – Fire Fighting Measures****FLASH POINT (°F):** N/A **METHOD:** Closed Cup**FLAMMABLE LIMITS IN AIR, BY % VOLUME:** **UPPER:** N/A **LOWER:** N/A**EXTINGUISHING MEDIA:** Water, foam, carbon dioxide, dry chemical.**SPECIAL FIRE FIGHTING PROCEDURES:** Cool fire exposed containers with water fog. Firefighters should be equipped with full protective gear including self-contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None**SECTION 6 – Accidental Release Measures****STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Ventilate area and contain spill. Soak up spilled material with inert absorbent material and place in a properly marked closed container for proper disposal.**SECTION 7 – Handling and Storage****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry place. Keep container tightly closed when not in use. Keep out of reach of children.**SECTION 8 – Exposure Controls/Personal Protection****ENGINEERING CONTROLS:** No special ventilation is required under normal use.**VENTILATION:** Local: Recommended, Mechanical: Not required.**EYE PROTECTION:** Safety glasses or goggles.**PROTECTIVE GLOVES:** Chemical resistant gloves.**RESPIRATORY PROTECTION:** Use with adequate ventilation.**OTHER PROTECTIVE EQUIPMENT:** None**SECTION 9 – Physical and Chemical Properties**

BOILING POINT (°F):	N/D	SPECIFIC GRAVITY (Water=1):	1.03
VAPOR PRESSURE (mmHg):	N/D	VOC CONTENT (% by weight):	< 1.0%
VAPOR DENSITY (AIR=1):	N/D	EVAPORATION RATE (Water=1):	>1.0
SOLUBILITY IN WATER	Soluble	pH:	9.5-11.5
APPEARANCE AND ODOR:	Clear, yellow liquid; slight soy odor.		

SECTION 10 – Stability and Reactivity

STABILITY:	Stable
INCOMPATIBILITY:	Strong acids & strong oxidizers
CONDITIONS TO AVOID:	None.
HAZARDOUS POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition may produce oxides of carbon.

SECTION 11 – Toxicological Information**LD₅₀:** N/D **LC₅₀:** N/D Please refer to Section 3 for available information on potential health effects.**SECTION 12 – Ecological Information**

No specific data is available for this product.

SECTION 13 – Disposal Consideration

Consult local environmental authorities.

SECTION 14 – Transport Information

DOT PROPER SHIPPING NAME: None
DOT CLASS: none **DOT ID NUMBER:** None
DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, and mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

SECTION 15 – Regulatory Information

No data.

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SECTION 16 – Other Information

	HAZARDS RATINGS	
	NFPA	KEY
HEALTH	1	4 = Severe
FLAMMABILITY	0	3 = Serious
REACTIVITY	0	2 = Moderate
		1 = Slight
		0 = Minimal

MSDS LEGEND:

ACGIH = American Conference of Governmental Industrial Hygienists

CAS = Chemical Abstract Service

N/A = Not Applicable

N/D = Not Determined

N/E = Not Established

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Limit (OSHA)

STEL = Short Term Exposure Limit (15 minute exposure)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average (8 hour exposure)

C = Ceiling

302 = CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4)

355 = SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355)

372 = SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372)

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