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
PRO EARTH GREEN ALL-PURPOSE CLEANER / 2213
OCTOBER 2009

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
NOTICE: All-Purpose Cleaner

SECTION 2 – Composition on Ingredients

COMPONENTS – CHEMICAL NAMES & COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS #	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	CARCINOGEN REF SOURCE **
Monocyclic Terpene	5989-27-5	No	N/E	N/E	d

SECTION 3 – Hazards Information
PRIMARY ROUTES OF ENTRY: Inhalation, Skin Absorption
ACUTE EFFECTS: SYSTEMIC OVEREXPOSURE: Headache, dizziness, nausea, incoordination, drowsiness, and loss of consciousness.
INHALATION: High concentrations of vapor or mist can irritate respiratory tract
EYE CONTACT: Liquid or vapor contact may cause irritation.
SKIN CONTACT: May cause irritation. Prolonged or repeated contact can cause dryness & irritation
INGESTION: May cause nausea, vomiting & abdominal pain. If vomiting occurs, aspiration of vomitus into lungs can cause bronco-pneumonia or pulmonary edema.
CHRONIC EFFECTS: None known.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May add to pre-existing dermal or respiratory irritation.

SECTION 4 – First Aid Measures
EYE CONTACT: Flush with water for 15 minutes while holding lids open. Get medical attention.
SKIN CONTACT: Remove contaminated clothing. Wash with soap and water. If persistent irritation occurs, get medical attention.
INHALATION: Remove to fresh air and provide oxygen or artificial respiration if needed. Get medical attention.
INGESTION: **DO NOT INDUCE VOMITING.** Drink 3-4 glasses of water. Get immediate medical attention.

SECTION 5 – Fire Fighting Measures
FLAMMABILITY as per USA FLAME PROJECTION TEST (aerosols)**:** N/A
AUTOIGNITION TEMPERATURE: N/D
EXTINGUISHER MEDIA: Use media applicable to surrounding fire.
FLAMMABILITY LIMITS IN AIR BY % IN VOLUME: **%LEL:** N/A **%UEL:** N/A
FLASH POINT & METHOD USED (non-aerosols): 136°F TCC
SPECIAL FIRE FIGHTING PROCEDURES: Use procedures applicable to surrounding fire
UNUSUAL FIRE & EXPLOSION HAZARDS: None known

SECTION 6 – Accidental Release Measures
STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Contain spill. Soak up in an inert absorbent and place in leak-proof containers. Seal containers and label properly for legal disposal.

SECTION 7 – Handling and Storage
PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE: Store in original shipping containers. Keep closed when not in use. Protect from extreme heat and cold.
OTHER PRECAUTIONS &/OR SPECIAL HAZARDS: KEEP OUT OF REACH OF CHILDREN. Do not cut, drill or weld on or near full, part full or empty drums.

SECTION 8 – Exposure Controls/Personal Protection
RESPIRATORY PROTECTION (specify type): None normally needed under normal handling and use conditions.
PROTECTIVE GLOVES: Rubber, Nitrile or PVC
EYE PROTECTION: Safety glasses or chemical goggles
VENTILATION REQUIREMENTS: Not generally needed under normal handling and use conditions. If needed, use explosion-proof ventilation.
OTHER PROTECTIVE CLOTHING & EQUIPMENT: Clothing as needed to prevent skin contact. Eyewash station and safety shower.
HYGIENIC WORK PRACTICES: Do not eat, drink, or smoke in work area. Wash hands after handling.

SECTION 9 – Physical and Chemical Properties

BOILING POINT: (est.)	212°F	**SPECIFIC GRAVITY**(H20=1)**:**	1.00
EVAPORATION RATE(water=1):	Not known	**VAPOR PRESSURE:** PSIG@70°F (Aerosols):	N/A
SOLUBILITY IN WATER:	Miscible	**VAPOR PRESSURE** (Non-Aerosols)(mmHg & Temp.):	Not known
pH:	9.0-10.0		
WATER REACTIVE:	No	**VAPOR DENSITY** (AIR=1):	Not known
APPEARANCE & ODOR:	Colorless to light straw colored liquid with citrus fragrance		

SECTION 10 – Stability and Reactivity
STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will not occur
INCOMPATIBILITY (Mat. To avoid): Strong oxidizing agents, aluminum metal, anything reactive to water
CONDITIONS TO AVOID: Heat, sparks, open flames
HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, unidentified organic compounds

SECTION 11 – Toxicological Information
No data available.

SECTION 12 – Ecological Information
No data available.

SECTION 13 – Disposal Consideration
WASTE DISPOSAL METHODS: Dispose of in accordance with all local, state and federal regulations.

SECTION 14 – Transport Information
DOT HAZARD CLASSIFICATION: Combustible Liquid, 3
For ground transport: Combustible [49CFR173.150(f)] (in containers less than 119 gal capacity)
For ocean vessel or air transport: Flammable liquid, 3

SECTION 15 – Regulatory Information
NFPA RATING: HEALTH-1; FLAMMABILITY-1; REACTIVITY-0; SPECIAL- ---

SECTION 16 – Other Information
We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.
** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only

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