BRODI SPECIALTY PRODUCTS LTD
MATERIAL SAFETY DATA SHEET

SECTION I · PRODUCT IDENTIFICATION

Product Name: Coilean Citrus Bulk
Product Number: 2-418
Product Type: Liquid - Solvent
Supplier's Name: Brodi Specialty Products Ltd.
Supplier's Address: 3175 14th Ave, Unit 1, Markham, Ontario L3R 0H1
TDG: Not regulated under TDG
Prepared By: MSDS Co-ordinator, (877) 744-0751 ext 205, Brodi Specialty Products Ltd.

Formula: Proprietary
Date Prepared: December 1, 2011 D2
Emergency Phone: (613) 996-6666
Information Phone: 1-(877) 744-0751
WHMIS: Class B - Div 3; Class D - Div 2B

HMIS Rating :
0-Minimal 1-Slight 2- Moderate
3- Serious 4- Extreme
HEALTH: 1 FIRE: 2 REACTIVITY: 0
Personal Protection : B

SECTION II ·HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS #	%WT	TWA/TLV	LD 50	LC 50
Citrus Terpene	5989-27-5	80-90	N/D	4400 mg/kg Oral/Rat	N/D
Nonylphenol Ethoxylate	127087-87-0	10-20	N/D	N/D	N/D

SECTION III · PHYSICAL DATA

Data Below Based On Concentrate Only:
Boiling Point: ~ 162° C
pH: N/A
Solubility In Water: Insoluble
Appearance/Odor: Clear Orange Liquid, Citrus Fragrance
Total VOC %: ~78%

Vapor Density(Air=1): >1
Specific Gravity (H_2O=1)@23° C: 0.874

SECTION IV · FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): 50° C (T.O.C)
Extinguishing Media: Foam, CO_2, Dry Media

Flammability : Flammable
LEL: N/D UEL: N/D

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 49° C may cause bursting.

SECTION V · REACTIVITY DATA

Stability: Material Stable.
Hazardous Polymerization: Will not Occur.
Incompatibility: Avoid contact with strong oxidizing agents,
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

SECTION VI · STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.
For Industrial and Institutional use only.
Store in a cool, dry area away from heat or open flame.
Do not store at temperatures above 49° C.

SECTION VII · HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:
Eyes: May cause slight irritation but does not injure eye tissue.
Skin: Frequent or prolonged contact may cause irritation.
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Abusive or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis.
Carcinogenicity: Non Hazardous by WHMIS Criteria; **Reproductive Effects -** N/D; **Teratogenicity -** N/D; **Mutagenicity -** N/D; **Synergistic Materials -** N/D

FIRST AID PROCEDURES:
Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin: Wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII · SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.
Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.
Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX · SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK: Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, Provincial and local laws.
WASTE DISPOSAL METHOD: Consult Federal, Provincial and local authorities for approved procedures.

N/A= NOT APPLICABLE · N/E=NOT ESTABLISHED · N/D=NOT DETERMINED · <=LESS THAN · >=MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstances. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.