

## MATERIAL SAFETY DATA SHEET

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### SECTION I - PRODUCT INFORMATION

PRODUCT NAME: Citra-Blend

TRADE NAME: Aliphatic Blend

TRANSPORTATION INFORMATION:  
 Cleaning Compound Class 55  
 Combustible Liquid  
 Packaging Group: III  
 Class: 3

HMIS	
Health	1
Flammability	2
Reactivity	0

### SECTION II – COMPOSITIONAL INFORMATION

INGREDIENT

EXPOSURE LIMITS  
 OSHA PEL      ACGIH TLV

Refined Petroleum Distillates  
 [CAS# 64742-88-7]

100 ppm TWA    100 ppm TWA

dLimonene  
 [CAS# 5989-27-5]

2-Butoxyethanol  
 [CAS# 111-76-2]

25 ppm

### SECTION III - PHYSICAL DATA

BOILING RANGE	>340°F
VAPOR PRESSURE	<2
VAPOR DENSITY (Air = 1)	3.900
SOLUBILITY IN WATER	Emulsifies
SPECIFIC GRAVITY	.8050
PERCENT VOLATILE (VOL)	>95
EVAPORATION RATE (Ether = 1)	<1
APPEARANCE	Colorless
ODOR	Mild Solvent/Slight Citrus Odor

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## SECTION IV - FIRE AND EXPLOSION DATA

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**FLAMMABILITY CLASSIFICATION:**

FLASH POINT: 120°F-130°F (TCC) EXPLOSION LIMITS: (Lowest component) Lower .7 Upper 6.1

EXTINGUISHING MEDIA: Carbon dioxide, Foam or dry chemical.

SPECIAL FIREFIGHTING PROCEDURE: Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible liquid. Vapors are heavier than air and may travel along the ground or be moved by ventilation. Keep away from oxidizers, sparks and open flames. Ground containers when transferring. Keep containers tightly sealed.

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## SECTION V – REACTIVITY DATA

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STABILITY: Stable

CONDITIONS TO AVOID: Excessive heat, oxidizers, sparks or open flames.

**INCOMPATIBILITY WITH:**

Strong oxidizing agents and acidic agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may generate CO, CO2

HAZARDOUS POLYMERIZATION: None described.

CONDITIONS TO AVOID FOR POLYMERIZATION:

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## SECTION VI – HEALTH HAZARD DATA

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TLV: Unknown.

Following health hazard has been determined:

This product contains no carcinogens listed by IARD, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

Direct contact will cause eye irritation, such as burning/redness. Overexposure to vapors and mists may cause irritation to respiratory tract. Excessive inhalation signs include dizziness, drowsiness, nausea, weakness and unconsciousness. Repeated or extended contact with skin may cause irritation, such as redness, burning or dermatitis. Pre-existing skin conditions should exercise more care. This product is harmful if swallowed. Aspiration of product into lungs can cause inflammation and damage. Persons with asthma or chronic respiratory problems should avoid use.

**EMERGENCY AND FIRST AID PROCEDURE:**

EYES: Flush with water for at least 15 minutes. Consult physician.

SKIN: Wash thoroughly with soap and water. If irritation persists, consult physician.

INGESTION: Do not induce vomiting. Seek medical attention.

INHALATION: Remove victim to fresh air. Seek medical attention.

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## SECTION VII - SPILL & DISPOSAL PROCEDURES

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** Combustible liquid. Eliminate all sources of ignition. Absorb or cover with inert absorbent material, dry earth or sand. Provide ventilation if indoors. Wear protective boots, gloves and clothing during clean up. Keep contained. Use clean, non-sparking tools to collect material.

**WASTE DISPOSAL METHOD:** In accordance with Federal, State and Local Regulations.

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## SECTION VIII – SPECIAL PROTECTION MEASURES

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**RESPIRATORY PROTECTION:** Avoid inhalation of vapors. Use approved respiratory protection when required.

**VENTILATION:** Provide adequate mechanical ventilation. If workplace exposure limits are exceeded, a NIOSH/MSHA respirator may be advised in the absence of environmental controls. Check for sources of ignition. Explosion proof equipment should be used. Maintain sufficient mechanical ventilation.

**PROTECTIVE CLOTHING:** Chemically resistant gloves are recommended. Chemically resistant splash goggles or full-face shield recommended for eye protection.

**OTHER PROTECTIVE CLOTHING:** When necessary, nonskid, impervious boots.

**HYGIENIC PRACTICES:** Wash thoroughly after handling. Launder used clothing before re-using.

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## SECTION IX - SPECIAL PRECAUTIONS

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Handle as a combustible liquid. Store away from heat, sparks and open flames. Clean up all spills. All handling equipment should be electrically grounded. Avoid acids and oxidizing agents. Maintain good personal hygiene when using this product. Store in tightly sealed containers. Use this product with sufficient ventilation. Avoid inhalation of vapors.

**WARNING:** Do not weld, cut, grind or solder empty containers. Vapors may ignite.

**OTHER PRECAUTIONS:** For industrial/professional use only. Not intended for retail sale or use by individual consumers. Do not reuse container for potables or edibles.

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