

Safety Data Sheet
3X Total Tank (Citrus)

SECTION I - IDENTIFICATION

PRODUCT NAME: 3X TOTAL TANK (Citrus)

PRODUCT USE: Bio-Enzymatic treatment for organic waste

COMPANY NAME: DirectLine Industries

COMPANY ADDRESS: PO Box 15133 St. Louis MO 63110

COMPANY PHONE: 866-773-6136

EMERGENCY PHONE: 888-255-3924 (CHEM-TEL)

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Does not present a hazard according to OSHA (29CFR 1910.1200)

HAZARD STATEMENT(S): N/A

This product contains the following percentage of chemicals of unknown toxicity: 9%

PRECAUTIONARY STATEMENTS: N/A

SYMBOL: N/A

HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Does not contain any hazardous ingredients at or above reportable levels as defined by OSHA (29CFR 1910.1200)	N/A	N/A

SECTION IV - FIRST AID MEASURES

EYES: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice or attention.

INGESTION: If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

INHALATION: Move to fresh air.

SKIN: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

ACUTE HEALTH HAZARDS: None Known

CHRONIC HEALTH HAZARDS: None known

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Use appropriate media for surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

HAZARDOUS COMBUSTION PRODUCTS: N/A

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Mop or soak up with appropriate absorbent material. Remove out of doors. Flush with water.

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Non-hazardous

RCRA STATUS: Non-hazardous

Safety Data Sheet
3X Total Tank (Citrus)

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, dry area. Do not use or store near excessive heat or near open flame. Keep container tightly sealed when not in use.

OTHER PRECAUTIONS: Keep out of reach of children. Do not ingest. If swallowed, do not induce vomiting. If symptoms persist, see a physician. Avoid eye contact. Avoid contact with open wounds.

INCOMPATIBILITY: Strong acids & bases; material that react with unsaturated hydrocarbons.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Does not contain any hazardous ingredients at or above reportable levels as defined by OSHA (29CFR 1910.1200)	N/A	N/A

ENGINEERING CONTROLS / VENTILATION: Not required

RESPIRATORY PROTECTION: Not required with adequate ventilation

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses

ADDITIONAL MEASURES: Wash hands and clothing in contact with product after use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Opaque Yellow liquid

ODOR: Citrus fruity scent

ODOR THRESHOLD: N/D

BOILING POINT: > 212°F (100°C)

FREEZING POINT: 32°F

FLAMMABILITY: Not considered a flammable liquid by OSHA (29CFR 1910.1200)

FLASH POINT: N/D

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

VAPOR PRESSURE (mm Hg): 17.5 @ 77°F (25°C)

VAPOR DENSITY (AIR=1): > 2

EVAPORATION RATE: < 1

SPECIFIC GRAVITY (H2O=1): 1.01 @ 77° F (25° C)

pH: 7.5

SOLIDS (%): N/D

SOLUBILITY IN WATER: 100%

PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D

VOLATILITY INCLUDING WATER (%): 100%

VOLATILE ORGANIC COMPOUNDS (VOC): 0%

DIELECTRIC STRENGTH (Volts): N/A

DECOMPOSITION TEMPERATURE: N/D

VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: None Known

CHEMICAL STABILITY: Stable

CONDITIONS TO AVOID: None known

INCOMPATIBILITY: Strong acids & bases; material that react with unsaturated hydrocarbons.

HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon

POSSIBLE HAZARDOUS REACTIONS: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Established

Safety Data Sheet
3X Total Tank (Citrus)

ROUTES OF ENTRY: Eyes, Ingestion, Skin

EYES: Mild if any irritation

INGESTION: May cause gastrointestinal irritation.

INHALATION: Mists from this product may irritate nasal passages.

SKIN: Avoid contact with open wounds. For hypersensitive persons, may irritate the skin after prolonged periods of contact.

MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.

ACUTE HEALTH HAZARDS: None Known

CHRONIC HEALTH HAZARDS: None known

CARCINOGENICITY: OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Established

BIODEGRADABILITY: This product is biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose in accordance with local, state and federal laws. Non-hazardous

RCRA STATUS: Non-hazardous

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

PACKAGING GROUP: None

AIR SHIPMENT

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Cleaning Compound, N.O.S.

HAZARD CLASS/DIVISION: None

UN/NA NUMBER: N/A

ENVIRONMENTAL HAZARDS WATER: N/A

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): None

SARA 311/312 HAZARD CATEGORIES: None

SARA 313 REPORTABLE INGREDIENTS: None

CLEAN WATER ACT: None

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 0

HMIS HEALTH: 0

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: N/A

HMIS PROTECTION: A

Safety Data Sheet
3X Total Tank (Citrus)

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: EHS Administrator

DATE PREPARED: 09/10/2013

REVISION DATE: 10/22/2014

N/A = Not Applicable; N/D = Not Determined

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