

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND USE

Product Identifier: DYNASTY 300
Product Use: HIGH POTENCY DRIED BACTERIA CULTURES WITH ENZYMES FOR USE
IN SEWAGE TREATMENT PLANTS, LAGOONS, SEPTIC TANKS,
CESSPOOLS, DRAINS AND GREASE TRAPS.
Supplier: SHARE CANADA
Address: 1691 CHURCH AVENUE, WINNIPEG, MANITOBA R2X 2Y7
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SECTION II - HAZARDOUS INGREDIENTS

Ingredient	CAS Number	Weight %	LD 50	LC 50
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DRIED ENZYME / BACTERIA CULTURE.

SECTION III - PHYSICAL DATA

Physical State: POWDER
Specific gravity: Not available. pH: Not available.
Odour and appearance: TAN TO BROWN POWDER, YEAST-LIKE ODOUR. .
Odour threshold: Not applicable.
Vapour pressure (PSI): Not applicable. Vapour density (air = 1): Not applicable.
Evaporation rate (water = 1): Not applicable. % volatile by volume: Not applicable.
Solubility in water: SOLUBLE.
Boiling Point (C⁰): Not applicable. Freezing Point (C⁰): Not applicable.
Coefficient of water/oil distribution: Not available.

SECTION IV - FIRE AND EXPLOSION DATA

Flammable or combustible: NO
Flash Point (C⁰) and method: NONE
Upper flammable limit: Not applicable.
Lower flammable limit: Not applicable.
Autoignition temperature: Not available.
Flammability classification: NONE
Conditions of flammability: NONE.
Means of extinction: WATER, FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special fire fighting procedures: FIREFIGHTERS SHOULD BE EQUIPPED WITH FULL
PROTECTIVE GEAR INCLUDING SEL-CONTAINED BREATHING APPARATUS.
Hazardous combustion products: OXIDES OF CARBON.
Sensitivity to mechanical impact: NOT SENSITIVE
Sensitivity to static discharge: NOT SENSITIVE

SECTION V - REACTIVITY DATA

Is the product stable: STABLE.
Incompatible substances: STRONG ACIDS AND OXIDIZING AGENTS .
Conditions of Reactivity: NONE
Hazardous decomposition products: NONE

PRODUCT IDENTIFIER: DYNASTY 300

SECTION VI - TOXICOLOGICAL PROPERTIES

Primary routes of exposure: EYE CONTACT, INGESTION, INHALATION.
Exposure Limits: Not established for this product.
WHMIS Classification: D2B – RESPIRATORY TRACT, SKIN AND EYE IRRITANT.
Irritant: MAY IRRITATE UPPER RESPIRATORY TRACT AND EYES ON CONTACT.
Carcinogen: NO - IARC / OSHA / NTP
Sensitizer: INHALATION MAY TRIGGER AN ALLERGIC RESPONSE IN SUSCEPTIBLE PERSONS.
Mutagen: NOT A MUTAGEN
Reproductive effects: NONE KNOWN
Synergistic products: NONE KNOWN
Effects of acute exposure: Eyes: MILD TO MODERATE IRRITATION AND REDNESS.
Ingestion: NAUSEA, DIARRHEA.
Inhalation: MAY TRIGGER AN ALLERGIC RESPONSE
Effects of chronic exposure: Skin: PROLONGED OR REPEATED EXPOSURE MAY CAUSE IRRITATION. BACTERIAL INFECTION MAY OCCUR THROUGH WOUNDS OR OPEN SKIN.

SECTION VII - PREVENTION MEASURES

Gloves: NOT REQUIRED UNDER NORMAL USE. OTHERWISE, CHEMICAL RESISTANT.	Respirator: DUST AND MIST RESPIRATOR IF EXPOSED TO DUST.	Eye protection: NOT REQUIRED UNDER NORMAL USE. OTHERWISE, CHEMICAL GOGGLES.
Footwear: NO SPECIAL REQUIREMENTS.	Clothing: NO SPECIAL REQUIREMENTS.	Other requirements: EYE WASH STATION

Engineering Controls: SPECIAL VENTILATION NOT NORMALLY REQUIRED.
Respiratory protection: USE WITH ADEQUATE VENTILATION. WEAR DUST AND MIST RESPIRATOR TO PREVENT INHALATION OF DUST.
Leak or spill procedures: SWEEP UP SPILLED MATERIAL AND COLLECT FOR REFUSE OR DISPOSAL.
Waste disposal: CONSULT LOCAL ENVIRONMENTAL AUTHORITIES.
Handling and storage requirements: KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN.
Special shipping information: NOT CONTROLLED UNDER T.D.G.

SECTION VIII - FIRST AID MEASURES

Eyes: FLUSH EYES AND UNDER EYELIDS WITH PLENTY OF COOL WATER FOR AT LEAST 15 MINUTES. OBTAIN MEDICAL ATTENTION IF IRRITATION PERSISTS.
Inhalation: REMOVE PERSON TO FRESH AIR. CONTACT A PHYSICIAN IF SYMPTOMS OF AN ALLERGIC REACTION OCCUR WITHIN 12 HOURS.
Skin: WASH WITH WATER. IN CASE OF CONTACT WITH OPEN WOUNDS OR BROKEN SKIN, WASH AFFECTED AREA WITH SOAP AND WATER AND APPLY A TOPICAL ANTISEPTIC AGENT.
Ingestion: CONTACT PHYSICIAN OR POISON CONTROL CENTRE IMMEDIATELY. GIVE PERSON 1 – 2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION IX - PREPARATION DATA

Information Sources: SUPPLIERS' MATERIAL SAFETY DATA SHEET.
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