

# MATERIAL SAFETY DATA SHEET

Mariner's Choice

Clean-N-Fresh

## SECTION I: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Clean-N-Fresh  
**PRODUCT USE:** Eliminate odors caused by organic waste  
**MANUFACTURER:** Mariner's Choice (Canada)  
**MANUFACTURER:** Mariner's Choice (USA)  
**ADDRESS:** 26 Voyager Court South  
Toronto, Ontario M9W 5M7  
**ADDRESS:** 8640 Philips Highway  
Suite 5  
Jacksonville, FL 32256  
**EMERGENCY :** 613 996 6666 (CANUTEC)

## SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD <sub>50</sub>
Bacterial Complex	68920-42-3		Not applicable	Not applicable	

There are no potential health effects expected from handling this material. Good housekeeping is expected when handling chemical products.

## SECTION III: HAZARDOUS IDENTIFICATION

**Route of Entry:** Eye, skin contact, ingestion.  
**Potential Health Effects:**  
**Eye Contact:** Causes temporary discomfort and redness. May contribute to infection when in contact with open wounds.  
**Skin Contact:** Prolonged contact may cause discomfort, defatting of tissue, possible dermatitis and skin sensitization.  
**Inhalation:** No effect known.  
**Ingestion:** No effects if ingested in small amounts. Very low toxicity. Irritation of mouth, esophagus and stomach may follow.  
**Chronic Effects**  
**Carcinogenicity:** No ingredients listed IARC or NTP or ACGIC. Non hazardous by WHIMIS/OSHA criteria.  
**Teratogenicity, Mutagenicity, Reproductive Effects:** N/AP  
**Skin:** N/AP.

## SECTION IV: FIRST AID MEASURES

**Eye Contact:** Immediately flush with water for 15 minutes. Holding eyelids open during flushing. If irritation persists, repeat flushing and obtain medical attention immediately.  
**Skin Contact :** Wash thoroughly with soap and water.  
**Inhalation:** N/AP  
**Ingestion:** Contact a physician immediate. Drink two glasses of water to dilute.

## SECTION V: FIRE FIGHTING MEASURES

**Flammability:** Non flammable  
**Flash Point deg (C,TCC) :** Not Applicable  
**Means of Extinction:** As appropriate for surrounding fire. Use water, dry chemical, carbon dioxide or foam  
**Special Fire Hazards:** None.  
**Autoignition temperature:** Not applicable.  
**Flame propagation or burning rate of solid:** Not applicable.

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**Sensitivity to static discharge:** Not applicable  
**Unusual Fire and Explosion Hazards.** None expected. As per surrounding fire.  
**Hazardous decomposition products:** Not applicable.

## SECTION VI: ACCIDENTAL RELEASE MEASURES

**Leak and Spill Procedures:** Rinse material into nearest drain.

## SECTION VII: HANDLING AND STORAGE

**Storage Requirements:** KEEP OUT OF REACH OF CHILDREN. Avoid extreme cold or heat. Do not contaminate with other products. Keep container closed when not in use. Do not reuse containers for any purpose. Destroy drums by puncturing.

Test on small inconspicuous area before using on synthetic fabrics and carpeting, to be sure product will not adversely affect color.

## SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

**Gloves:** Impervious protective gloves are recommended as with all industrial strength products.  
**Eye Protection:** Eye protection is recommended when working with any industrial strength products.  
**Respiratory Protection:** Not normally required if adequate ventilation is maintained.  
**Other Protective Equipment:** None.  
**Engineering Controls:** None.

## SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

<b>Boiling Point ( deg C)</b>	99-104°C	<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	1.004	<b>Evaporation Rate (water=1):</b>	8.37
<b>% Volatile (Wt%):</b>	> 90 %	<b>Solubility in water:</b>	Complete	<b>pH (as supplied):</b>	6.8-8.5
<b>Physical State:</b>	Liquid	<b>Viscosity:</b>	As Water		
<b>Appearance / Odour:</b>	White liquid with a fresh scent				

## SECTION X: STABILITY AND REACTIVITY

**Conditions for Chemical Instability:** Stable under normal conditions.  
**Incompatible Materials:** Oxidizing material, strong acids or alkali compounds may inactivate biological cultures.  
**Hazardous Decomposition Products:** None.

## SECTION XI: TOXICOLOGICAL INFORMATION

**Ingestion:** No effects if ingested in small amounts. Very low toxicity. Irritation of mouth esophagus and stomach may follow.  
**Inhalation:** No effect known.  
**Skin:** Prolonged contact may cause discomfort, defatting of tissue, possible dermatitis and skin sensitization.  
**Eyes:** Causes temporary discomfort and redness. May contribute to infection when in contact with open wounds.

## SECTION XII: ECOLOGICAL INFORMATION

**Biodegradability:**

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## SECTION XIII: DISPOSAL CONSIDERATIONS

Dispose of in accordance to all local, provincial/state and federal regulations.

## SECTION XIV: TRANSPORTATION

T.D.G. Classification: Not regulated  
D.O.T. Classification: Not regulated

## SECTION XV: REGULATORY INFORMATION

### Occupational Health and Safety Regulations:

WHMIS Class: Not regulated.  
OSHA & WHMIS: N/AP

### Environmental Regulatory Lists:

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 None of the ingredients are listed.

CERCLA – Section 102 (Reportable Quantity) 40 CFR 302 None of the ingredients are listed

RCRA 40 CFR 261 (Subpart D) None of the ingredients are listed

CLEAN WATER ACT – Section 311 ( Reportable Qty) 40 CFR 116: None of the ingredients are listed

CLEAN AIR ACT – Section 312 ( List of Hazardous Pollutants) 40 CFR 63 (Subpart C) None of the ingredients are listed

National Pollutant Release Inventory None of the ingredients are listed

Toxic Substances Control Act (TSCA) All ingredients are registered on the Chemical Substances Inventory.

Canadian Domestic Substance List (DSL): All ingredients are registered on the DSL

## SECTION XVI: OTHER INFORMATION

<b>Date:</b> October, 2010	<b>Prepared By:</b> Technical Services Group	<b>Telephone:</b> 416 238 3510
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### Disclaimer:

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond the control of supplier, it is assumed that users of this material; have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries for consequential damages, which may result from the use or reliance on any information contained in this form. If user requires independent information on ingredients in this or other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400) or CSST on Montreal, Quebec (514-873-3990).