

MATERIAL SAFETY DATA SHEET

Nature Clean- Frank T Ross Ltd

All Natural Bar Soap

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: All Natural Bar Soap **PRODUCT USE:** Skin Cleaner
MANUFACTURER: Frank T Ross Ltd **SUPLIER:** Frank T Ross Ltd
ADDRESS: 70 Esna Park Drive, Unit 14, Markham, Ontario, L3R 6E7 **ADDRESS:** 70 Esna Park Drive, Unit 14 Markham, Ontario L3R 6E7
EMERGENCY: 905 940 1107 **EMERGENCY #:** 905 940 1107

SECTION II: INFORMATION ON INGREDIENTS

Ingredients	CAS#	Wt%	OSHA-PEL	ACGIH-TLV	LD ₅₀
Glycerin	56-81-5		Not applicable	10 mg/M3 mist	> 2000 (oral/rat)
Sodium Palmitate	408-35-5		Not applicable	Not applicable	> 2000 (oral/rat)
Sodium Palm Kernalate	617-89-89-7		Not applicable	Not applicable	> 2000 (oral/rat)
Sodium Chloride	7647-14-5		Not applicable	Not applicable	3000 (oral/rat)

All active ingredients in this product are derived from readily biodegradable, renewable, sustainable, botanical, resources. This product is Ecologo certified by environment Canada's Environmental Choice Program CCD-103 Personal Care Products.

SECTION III: HAZARDOUS IDENTIFICATION

Route of Entry: Eye, skin contact, ingestion.
Potential Health Effects:
Eye Contact: May cause irritation to eyes
Skin Contact: May cause irritation upon repeated/ prolonged contact in very sensitive individuals
Inhalation: None
Ingestion: May cause nausea or vomiting.
Chronic Effects
Carcinogenicity: No ingredients listed IARC or NTP or ACGIC. Non-hazardous by WHIMIS/OSHA criteria.
Teratogenicity, Mutagenicity, The ingredients in this product were found not to be mutagenic when tested by the Ames
Reproductive Effects: Assay, (OECD Guidelines for chemical testing, sec.471)
Skin: Repeated or prolonged exposures to dilutions can cause drying, de-fatting and dermatitis.

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: Flush with water. Seek medical attention if irritation persists
Inhalation: Remove to fresh air
Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water. Seek medical attention. Do not give anything to victim if unconscious or convulsing.

SECTION V: FIRE FIGHTING MEASURES

Flammability: Non flammable

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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: Fire fighters should wear self-contained breathing apparatus as for surrounding fire.
Auto-ignition temperature: Not applicable.
Flame propagation or burning rate of solid: Not applicable.
Sensitivity to static discharge: Not applicable
Unusual Fire and Explosion Hazards. None expected. As per surrounding fire.
Hazardous decomposition products: Oxides of carbon, oxides of nitrogen.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Pick up bar and reuse or dispose of in accordance to local, provincial, state and federal regulations.

SECTION VII: HANDLING AND STORAGE

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. Store in a closed container away from incompatible materials, which include acids, oxidizing materials, reducing sugars and Ammonia Salts.
Storage temperature C Ambient to 45 C (must be stored above 8 C at all times)
Transport temperature C Ambient to 50 C (must be stored above 8 C at all times.)
Keep container closed. Handle and open container with care. Store in a well ventilated place away from incompatible materials. Do not store near open flame.
Do not reuse empty containers.

SECTION VIII: EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: Not normally required
Eye Protection: Not normally required
Respiratory Protection: Not normally required
Other Protective Equipment: As required by employer code. Eye bath, safety shower, protective clothing.
Engineering Controls: General ventilation normally required

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point (deg C)	NA	Specific Gravity (H₂O = 1):	NA	Evaporation Rate (water=1):	Similar
% Volatile (Wt%):	NA	Solubility in water:	Complete	pH (10 % solution):	9.8
Physical State:	Solid	Viscosity:	NA		
Appearance / Odour:	White, solid with no odour				

SECTION X: STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable
Incompatible Materials: Strong oxidizing agents, strong acids.
Hazardous Decomposition Products: Oxides of carbon, Oxides of Nitrogen

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SECTION XI: TOXICOLOGICAL INFORMATION

Ingestion: Calculated basis < 2,000 mg/ Kg Oral Rat

SECTION XII: ECOLOGICAL INFORMATION

Biodegradability: This environmental hazard assessment is based on information available on similar products. Persistence and degradability The product, by analogy, is expected to be substantially biodegradable.
Biodegradability, ISO 14593 >80 %
Eco-toxicity and aquatic toxicity of fatty acid soaps is extremely dependent upon the hardness of the water
LC50 fish 5 - 250 mg/l
EC50 (24 hour) Daphnia magna 4.2 - 40 mg/l
EC50 (72 hours) biomass 58 - 190 mg/l

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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: MSDS prepared pursuant to the Hazard Communication Standard (CFR29.1920.1200) and Canadian WHMIS regulations

Environmental Regulatory Lists:
SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 None of these 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 these ingredients are listed
CLEAN AIR ACT – Section 312 (List of Hazardous Pollutants) 40 CFR 63 (Subpart C) National Pollutant Release Inventory None of these 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

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SECTION XVI: OTHER INFORMATION

Date:	July 18, 2008	Prepared By:	Technical Services Group	Telephone:	905-940-1107
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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).