

SAFETY DATA SHEET**SECTION 1 - IDENTIFICATION**

Product identifier used on the label: ES53 Cream Cleanser

Other means of Identification: ES53

Recommended use of the chemical and restrictions on use: For professional use only.

Manufacturer/Supplier:

Charlotte Products Ltd.

Address:

2060 Fisher Dr.

Peterborough, ON K9J 6X6

Telephone: 705-740-2880

Fax: 705-745-1239

24 Hr. Emergency Tel. #: Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International)

SECTION 2 - HAZARDS IDENTIFICATION

Classification of the chemical:

Skin Irritation 2

Eye Irritation 2A

Label elements:

Signal Word: Warning

Hazard statement(s)

H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary statement(s)

P264 Wash exposed areas thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P302+352 IF ON SKIN: Wash with soap and water

P305+351+33 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses
8 if present and easy to do – continue rinsing

P321 Specific treatment (see section 4 of SDS)

P332+313 If skin irritation occurs: Get medical advice/attention

P337+313 If eye irritation persists get medical advice/attention

P362 Take off contaminated clothing and wash before reuse

P501 Dispose of contents/container in accordance with local regulation

Hazard pictogram(s)

Other hazards not otherwise classified: None Known

Unknown Acute Toxicity: 0%

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name, Common Name & Synonyms:	CAS #	Concentration %
Calcium Carbonate	471-34-1	30-60
Sodium Bicarbonate	144-55-8	1-5
Alcohol Ethoxylate	68551-12-2	1-5
Silicic Acid, Lithium Magnesium	53320-86-8	1-5
Sodium Lauryl Ether Sulphate	68891-38-3	0.5-1.5
Tetrasodium Pyrophosphate	7722-88-5	0.1-1
Xanthan Gum	11138-66-2	0.1-1
Pine Oil	8002-09-3	0.1-1
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	<0.1
2-Methyl-4-isothiazolin-3-one	2682-20-4	<0.1
Magnesium Chloride	7786-30-3	<0.1
Magnesium nitrate	10377-60-3	<0.1
Copper nitrate	3251-23-8	<0.1
Dye	3844-45-9	<0.1

**** If the chemical name/CAS # is "proprietary" and/or the weight % is shown as a range, this information had been withheld as a trade secret.**

SECTION 4 - FIRST-AID MEASURES**Description of first aid measures:**

If swallowed: Rinse mouth. Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

If on skin (or hair): Take off immediately all contaminated clothing. Wash with soap and water, rinse skin with water/shower. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

If inhaled: Remove the person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell

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/attention

Most Important symptoms and effects, both acute and delayed: Causes skin irritation. Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically

SECTION 5 - FIRE-FIGHTING MEASURES

Extinguishing media:

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: Not determined

Special hazards arising from the substance or mixture: None known

Flammability classification: Not flammable

Hazardous combustion products: Carbon oxides, oxides of phosphorus and other unidentified organic compounds.

Special protective equipment and precautions for firefighters:

Protective equipment for fire-fighters: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode.

Special fire-fighting procedures: Move containers from the fire area if safe to do so. Cool closed containers exposed to fire with water spray. Do not allow run-off from firefighting to enter drains or water courses. Dike for water control.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: All persons dealing with the clean-up should wear the appropriate chemically protective equipment. Keep people away from, and upwind of spill/leak. Restrict access to the area until completion of clean-up. Refer to protective measures listed in sections 7 and 8.

Methods and material for containment and cleaning up: Do not allow material to contaminate groundwater systems. If necessary, dike well ahead of the spill to prevent runoff into drains, sewers, or any natural waterway or drinking supply. Ventilate the area. Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Do not use combustible absorbents, such as sawdust. Pick up and transfer to properly labeled containers. Contaminated absorbent material may pose the same hazards as the spilled product. Contact the proper local authorities.

Special spill response procedures: In case of a transportation accident, contact Infotrac 1-800-535-5053 (North America), 011-1-352-323-3500 (International). If a spill/release in the US in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good industrial hygiene and safety practice. Use protective equipment recommended in section 8. Avoid contact with skin, eyes or clothing. Do not breathe dust/fume/gas/mist/vapors/spray. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for safe storage: Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep out of reach of children.

Incompatible materials: Oxidizing agents. Do not mix with other chemicals or cleaners

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits:					
		ACGIH TLV		OSHA PEL	
Chemical Name	CAS #	TWA	STEL	PEL	STEL
Calcium Carbonate	471-34-1				
Sodium Bicarbonate	144-55-8				
Alcohol Ethoxylate	68551-12-2				
Silicic Acid, Lithium Magnesium	53320-86-8				
Sodium Lauryl Ether Sulphate	68891-38-3				
Tetrasodium Pyrophosphate	7722-88-5				
Xanthan Gum	11138-66-2				
Pine Oil	8002-09-3				
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4				
2-Methyl-4-isothiazolin-3-one	2682-20-4				
Magnesium Chloride	7786-30-3				
Magnesium nitrate	10377-60-3				
Copper nitrate	3251-23-8				
Dye	3844-45-9				

Exposure controls:

Ventilation and engineering measures: Not required under normal use conditions. For production facilities use only in well-ventilated areas. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. In case of insufficient ventilation wear suitable respiratory equipment.

Respiratory protection: Not required with normal use. If airborne concentrations are above the permissible exposure limit or irritation occurs, use NIOSH-approved respirators. Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134). Advice should be sought from respiratory protection specialists.

Skin protection: Wear protective gloves to avoid skin irritation. The suitability for a specific workplace should be discussed with the producers of the protective regimes.

Eye face protection: Wear eye protection to avoid contact with eyes. Wear as appropriate tightly fitting safety goggles; Safety glasses with side-shields.

Other protective equipment: Other equipment may be required depending on workplace standards.

General hygiene considerations: Handle in accordance with good industrial hygiene and safety practice

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Opaque blue liquid

Odor: Pine

Odor threshold: No applicable information available

pH: 8-9

Melting/Freezing point: No applicable information available

Initial boiling point and boiling range: 100 °C

Flash point: No applicable information available

Flashpoint (Method): No applicable information available

Evaporation rate (BuAe = 1): No applicable information available

Flammability (solid, gas): Not flammable

Lower flammable limit (% by vol.): Not Flammable

Upper flammable limit (% by vol.): Not Flammable

Vapor pressure: No applicable information available

Vapor density: No applicable information available

Relative density: ~1.3

Solubility in water: Dispersible

Other solubility(ies): No applicable information available

Partition coefficient: No applicable information available

Auto ignition temperature: No applicable information available

Decomposition temperature: No applicable information available

Viscosity: Viscous

Volatile organic Compounds (%VOC's): 2.0 g/L

Other physical/chemical comments: No applicable information available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Not normally reactive

Chemical stability: Stable

Possibility of hazardous reactions: No hazardous polymerization

Conditions to avoid: Keep out of reach of children. Do not use it in areas without adequate ventilation. Avoid contact with incompatible materials.

Incompatible materials: Fluorine, strong oxidizing or reducing agents, bases, metals, sulfur trioxide, phosphorus pentoxide

Hazardous decomposition products: None known. Refer to 'Hazardous Combustion Products' in Section 5

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Routes of entry - inhalation: Avoid breathing vapors or mists

Routes of entry - skin & eye: Avoid contact with skin or eyes

Routes of entry - Ingestion: Do not taste or swallow

Potential Health Effects:

Signs and symptoms of short term (acute) exposure:

Symptoms: Please see section 4 of this SDS sheet for symptoms.

Potential Chronic Health Effects:

Mutagenicity: Not expected to be mutagenic in humans.

Carcinogenicity: No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

Reproductive effects: No applicable information available

Sensitization to material: No applicable information available

Specific target organ effects: No data available to indicate product or components will have specific target organ effects.

Medical conditions aggravated by overexposure: Pre-existing skin or eye disorders.

Toxicological data:

See the following table for individual ingredient acute toxicity data.

Chemical name	CAS #	LD ₅₀ (Oral, rat)	LD ₅₀ (Dermal. Rabbit)	LC ₅₀ (4hr, Inhal., rat)
Calcium Carbonate	471-34-1	6450 mg/kg		
Sodium Bicarbonate	144-55-8	4220 mg/kg		
Alcohol Ethoxylate	68551-12-2	500 mg/kg		

Silicic Acid, Lithium Magnesium	53320-86-8	2208 mg/kg		
Sodium Lauryl Ether Sulphate	68891-38-3	>10000 mg/kg		
Tetrasodium Pyrophosphate	7722-88-5	>300 - <2000 mg/kg	7940 mg/kg	
Xanthan Gum	11138-66-2	45000 mg/kg		
Pine Oil	8002-09-3	3200 mg/kg		
5-Chloro-2-methyl-4-isothiazolin-3-one	26172-55-4	53 mg/kg		
2-Methyl-4-isothiazolin-3-one	2682-20-4	2834 mg/kg		
Magnesium Chloride	7786-30-3	>5000 mg/kg		
Magnesium nitrate	10377-60-3			
Copper nitrate	3251-23-8	940 mg/kg		
Dye	3844-45-9		1072 mg/kg	

*All empty cells no applicable information available

Other important toxicological hazards: None reported.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: No applicable information available.

Persistence and degradability: No applicable information available

Bioaccumulation potential: No applicable information available.

Mobility in soil: No applicable information available.

Other Adverse Environmental effects: No applicable information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Handling for disposal: Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous.

Methods of disposal: Dispose in accordance with all applicable federal, state, provincial and local regulations. Contact your local, state, provincial or federal environmental agency for specific rules.

RCRA: If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste UN defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

SECTION 14 - TRANSPORTATION INFORMATION

Special Shipping Information: Keep from freezing.

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

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

SECTION 15 - REGULATORY INFORMATION

Occupational Health and Safety Regulations:

WHMIS 1988 Class: D2B

OSHA & WHMIS: SDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS 2015 regulations (Controlled Products Regulations under the Hazardous Product Act).

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 these ingredients are listed.**RCRA 40CFR 261 (SUBPART D)** – None of these ingredients are listed.**CLEAN WATER ACT – Section 311 (Reportable Quantity) 40 CFR 116** - None of these ingredients are listed.**CLEAN AIR ACT – Section 312 (List of Hazardous Air Pollutants) 40 CFR 63 (Subpart C)** – None of these ingredients are listed.**National Pollutant Release Inventory** – None of the ingredients are listed.**Toxic Substances Control Act (TSCA)** – All the ingredients are registered on the Chemical Substance Inventory.**Canadian Domestic Substance List (DSL)** – All the ingredients are registered on the DSL.**California Cleaning Product Right to Know Act of 2017 (SB 258)**

Chemical Name	CAS-No.	Concentration %	Function	List
Water	7732-18-5	50-100	Diluent	
Calcium Carbonate	471-34-1	30-60	Abrasive	
Sodium Bicarbonate	144-55-8	1-5	pH regulating agent	
Alcohol Ethoxylate	68551-12-2	1-5	Surfactant	
Silicic Acid, Lithium Magnesium	53320-86-8	1-5	Viscosity Modifier	
Silica, Crystalline (Quartz)	14808-60-7	1-5	Viscosity Modifier, Abrasive	
Sodium Lauryl Ether Sulphate	68891-38-3	0.1-1	Surfactant	
Tetrasodium Pyrophosphate	7722-88-5	0.1-1	Water softener	
Xanthan Gum	11138-66-2	0.1-1	Viscosity modifier	
Pine Oil	8002-09-3	0.1-1	Fragrance	
Sodium Sulphate	7757-82-6	<0.1	Viscosity modifier	
5-Chloro-2-methyl-4-isothiazoli n-3-one	26172-55-4	<0.1	Preservative, antioxidant	
2-Methyl-4-isothiazolin-3-one	2682-20-4	<0.1	Preservative, antioxidant	
Magnesium Chloride	7786-30-3	<0.1	Viscosity modifier	
Magnesium Nitrate	10377-60-3	<0.1	Preservative	
Copper Nitrate	3251-23-8	<0.1	Preservative	
Dye	Not available	<0.1	Dye	
1,4-Dioxane	123-91-1	<0.1 ppm	Trace contaminant	4,5,9,10,15,16,18,20,30
Ethylene Oxide	75-21-8	<0.1 ppm	Trace contaminant	2,5,9,12,15,18,20,24,29,30
Formaldehyde	50-00-0	<0.1 ppm	Trace contaminant	2,5,9,10,15,16,18,20,24,29,30
Methanol	67-56-1	<0.1 ppm	Trace contaminant	

SECTION 16 - OTHER INFORMATION**Legend:****ACGIH:** American Conference of Governmental Industrial Hygienists**CAS:** Chemical Abstract Services**CERCLA:** Comprehensive Environmental Response, Compensation, and Liability Act of 1980**CFR:** Code of Federal Regulations**DOT:** Department of Transportation**EPA:** Environmental Protection Agency**IARC:** International Agency for Research on Cancer**LC:** Lethal Concentration**LD:** Lethal Dose**NTP:** National Toxicology Program

OSHA: Occupational Safety and Health Administration
PEL: Permissible exposure limit
RCRA: Resource Conservation and Recovery Act
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
WHMIS: Workplace Hazardous Materials Identification System

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DISCLAIMER

Information for this 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 control of this supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of GHS. No warranty, expressed or implied, is made and the supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained within this form.

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