MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

OSTREM CHEMICAL CO. LTD. 2310 - 80 AVENUE EDMONTON AB T6P 1N2 Phone: 780-440-1911 or 780-446-0177 In Case of Emergency Only: phone CANUTEC at (613) 996-6666

Code: J417

Product name:GREEN PINE FLOOR CLEANEROther name:Distributed by:Product use:floor cleanerDate completed:April 01, 2014

2. COMPOSITION/INFORMATION ON INGREDIENTS			
Ingredient	%W/W	CAS number	
Sodium Carbonate	15-40	497-19-8	
Sodium Metasilicate	10-30	6834-92-0	

3. HAZARDS IDENTIFICATION

Eye irritant. Dust inhalation may irritate nose, throat and lungs.

4. FIRST AID MEASURES

Inhalation: Ingestion:	Remove from exposure. Get fresh air.
	Induce vomiting only on the direct advice of a poison control centre. Get medical attention.
Eye contact:	Flush with plenty of water for at least 15 minutes.
Skin contact:	Remove contaminated clothing and flush with plenty of water.

5. FIRE - FIGHTING MEASURES

Flash point (test method):	Not applicable
Flammable limits (%):	Non-flammable
Lower:	Not applicable
Upper:	Not applicable
Fire extinguishing substances:	Use extinguishing media appropriate for surrounding fire.
Autoignition temperatures:	Not applicable
Hazardous combustion products:	May liberate carbon monoxide, carbon dioxide and oxides of sodium.
Explosion data:	
Sensitivity to mechanical impact:	Not applicable
Sensitivity to static discharge:	Not applicable
Special firefighting procedures:	As for surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear appropriate protective equipment.
Environmental precautions:	Prevent from entering sewers, waterways or low areas.
Methods for cleaning up:	Isolate hazard area and restrict access. Small spills: soak up with inert absorbent material and scoop into containers. Large spills: prevent contamination of waterways. Dike and pump into suitable containers. Clean up residual with absorbent material, place in appropriate container and flush with water.

7. HANDLING AND STORAGE

Handling:

Do not ingest. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Keep out of reach of children. Keep container tightly closed. Store in a cool, dry area.

8. EXPOSURE C Engineering cont Respiratory prote Eye protection: Other protection: Exposure limits:	rols: ection:	DNAL PROTECTION No special ventilation requirements. Not normally necessary. An N95 NIOSH respirator may be worn. Not normally necessary. Safety glasses may be worn. Not normally necessary.		
INGREDIENT Sodium carbonate Sodium Metasilica		ACGIH OSHA Other Not available Not available		
9. PHYSICAL AN Physical state: Boiling point: Vapour density: Freezing point: Sp. Gravity: Appearance & od	ND CHEMICAL PRC Solid Not applicable Not applicable Not applicable Not applicable our:	Solubility in water:10%Vapour pressure:Not applicableEvaporation rate:Not applicableOdour threshold:Not availablepH:1% sol. 11.3Green granular powder with pine odour		Not applicable Not applicable Not available 1% sol. 11.3
10. STABILITY AND REACTIVITY Stability: Stable Conditions of instability: Not available Incompatibility: () Water (X) Oxidizers (X) Acid () Base () Other Conditions of reactivity: Reacts with acids, aluminum, fluorine, lithium, strong mineral acids Hazardous decomposition products: Not available				
11. TOXICOLOGICAL PROPERTIESPOTENTIAL ACUTE HEALTH EFFECTSInhalation:Breathing in the dust from this material may cause irritation and coughing.Ingestion:Harmful if swallowed. Causes burns to mouth, throat and stomach.				
Eye contact: Skin contact: Skin absorption:	ontact: May cause skin irritation.			
POTENTIAL CHRONIC HEALTH EFFECTS:Inhalation:Repeat or prolonged exposure may cause damage to lungs.Ingestion:Not availableEye contact:Not availableSkin contact:Prolonged contact may cause discomfort.Skin absorption:Not applicable				
Irritancy of product: Sensitization of product: Carcinogenicity: IARC (1, 2A or 2B) ACGIH: (A1, A2 or A3) Reproductive toxicity: Teratogenicity: Mutagenicity: Synergistic product:		See WHMIS criteria Not available No known significant effects. No known significant effects. No known significant effects. No known significant effects. No known significant effects. Not available		

HAZARDOUS INGREDIENTS Sodium carbonate		CAS NO. 497-19-8	TOXICITY DATA LD50 Oral (rat) 4090 mg/kg	
Sodium Metasilicate		6834-92-0	LC50 Inhalation (rat) 2300 mg/m3 LD50 Oral (rat) 847 mg/kg	
12. ECOLOGICAL INFORMATION				
Ecotoxicological information: Other information:	Not available			
13. DISPOSAL CONSIDERATIONS				
Waste disposal: Disposal of all was	te must be done a	ccording to loo	cal, provincial and federal regulations.	
14. TRANSPORT INFORMATION				
TDG classification:	not regulated			
15. REGULATORY INFORMATION	N			
WHMIS:	D2B	Toxic Mater	ial	
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.				
16. PREPARATION INFORMATIO	N			

16. PREPARATION INFORMATIONPrepared by:Technical Services Department, Ostrem Chemical Co. Ltd., Ph: (780) 440-1911