

REPRESENTED BY  
**off Chemical Company**



1975 North Hawthorne Avenue  
 Melrose Park, Illinois 60160  
 1-312/345-8210

U.S. DEPARTMENT OF LABOR  
 Occupational Safety and Health Administration

Form Approved  
 OMB No. 44-R1387  
 NPGA/CPMA HMIS  
 RATINGS \*

# MATERIAL SAFETY DATA SHEET

HEALTH 0\*  
 FLAMMABILITY 0  
 REACTIVITY 0

Required under USDL Safety and Health Regulations for Ship Repairing, Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)  
 PERSONAL PROTECTION E

\*or HOFORQPE

## SECTION I CAS No. 37244-96-5

MANUFACTURER'S NAME Indusmin Division Falconbridge Ltd.	EMERGENCY TELEPHONE NO. (416) 967-1900; (705) 877-2210
ADDRESS (Number, Street, City, State, and ZIP Code) Suite 200, 365 Bloor St. East, Toronto, Ontario M4W 3L4, Canada	
CHEMICAL NAME AND SYNONYMS <u>Nepheline Syenite</u>	TRADE NAME AND SYNONYMS MINEX, CREST, PEAK, APEX & all grades Nepheline Syenite.
CHEMICAL FAMILY Igneous feldspathic rock, a Sodium Potassium Aluminum Silicate	FORMULA $3Na_2O \cdot K_2O \cdot 4.5Al_2O_3 \cdot 20SiO_2$

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	Not Applicable		BASE METAL	Not Applicable	
CATALYST	Not Applicable		ALLOYS	Not Applicable	
VEHICLE	Not Applicable		METALLIC COATINGS	Not Applicable	
SOLVENTS	Not Applicable		FILLER METAL PLUS COATING OR CORE FLUX	Not Applicable	
ADDITIVES	Not Applicable		OTHERS	Not Applicable	
OTHERS	Not Applicable			Not Applicable	
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Not Applicable					
Nepheline Syenite is an anhydrous inorganic naturally-occurring igneous mineral rock product devoid of any asbestos minerals, free silica or acicular particles, non-flammable and non-toxic, which does not begin to sinter until 1900° F. Not regulated by DOT or Transport Canada and exempt from reporting under TSCA.					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Not Applicable	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	2.61
VAPOR PRESSURE (mm Hg.)	Not Applicable	PERCENT, VOLATILE BY VOLUME (%)	Not Applicable
VAPOR DENSITY (AIR=1)	Not Applicable	EVAPORATION RATE (_____ =1)	Not Applicable
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR	White to off-white granular sand and/or fine white powder. Mild. No odor.		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	Not Applicable	FLAMMABLE LIMITS	Lel Not Applicable	Uel
EXTINGUISHING MEDIA	Not Applicable			
SPECIAL FIRE FIGHTING PROCEDURES	None. Not Applicable.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

### SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE  
 Per ACGIH for a Nuisance Dust- 10 mg/m<sup>3</sup> (Total Dust); 5 mg/m<sup>3</sup> (Respirable Dust).  
 EFFECTS OF OVEREXPOSURE Routes of Entry: Lungs (breathing). Toxicity Data: None found.  
 SHORT TERM: No effect--a nuisance dust.  
 LONG TERM: Although a nuisance dust only, containing no free silica (quartz) and posing no silicosis hazard, nevertheless recommend observance of TLV  
 EMERGENCY AND FIRST AID PROCEDURES to prevent prolonged exposure which could possibly cause delayed and chronic lung disorders.  
 None. Not Applicable.

### SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID	None
	STABLE	X		
INCOMPATIBILITY (Materials to avoid) None				
HAZARDOUS DECOMPOSITION PRODUCTS None				
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	None
	WILL NOT OCCUR	X		

### SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
 Sweep, vacuum or wash away with water. Non-hazardous natural rock product.  
 Normal good housekeeping practices recommended.  
 If uncontaminated, scoop up or collect, and reuse as product.  
 WASTE DISPOSAL METHOD  
 Bury in approved landfill, or any suitable disposal for non-hazardous powders, in accordance with applicable environmental regulatory requirements.

### SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) For excessive prolonged dustiness exceeding TLV, wear any approved dust respirator/mask of TC-21B rating or better.

VENTILATION	LOCAL EXHAUST preferable - to reduce dust to less than TLV.	SPECIAL	None
	MECHANICAL (General) Acceptable	OTHER	None
PROTECTIVE GLOVES	Not required	EYE PROTECTION	Safety glasses or goggles
OTHER PROTECTIVE EQUIPMENT	None		

### SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING  
 None. Keep dust to minimum.  
 OTHER PRECAUTIONS None

PREPARED: August 2, 1985

PREPARED BY: H. R. Emery

H. R. Emery, Manager  
 Marketing Services

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