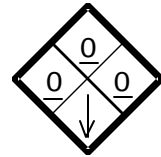


Minera NYCO, S.A de C.V.

Health Hazard	1
Fire Hazard	0
Reactivity	0
Personal Protection	(b)

HMIS RATING

MATERIAL SAFETY DATA SHEET



NFPA RATING

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NYAD[®], NYGLOS[®] - Various grades, untreated

MSDS Number: M100

Synonyms: Wollastonite, Calcium silicate

Revision: New

Manufacturer: Minera NYCO, S.A de C.V.

Date Issued: 29 January 2001

Address: Carret. Mina Pilares Km 0.0, Carret, Nogales Km 15.5

Emergency Phone: 011-526-289 1000

Hermosillo, Sonora, Mexico

Manufacturer FAX: 011-526-289-1090

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	EINECS No.	%	TLV	PEL
Natural wollastonite	13983-17-0	237-772-5	>99.5	3 mg/m ³ (PNOC)	5 mg/m ³ (PNOR)

Key: TLV = ACGIH, 8 hr. time weighted average (TWA); PEL = OSHA permissible exposure limit.

PNOC = Particulates Not Otherwise Classified (ACGIH - Inhalable), PNOR = Particulates Not Otherwise Regulated (OSHA - Total dust)

SECTION III - HAZARDS IDENTIFICATION

Specific Risks: Airborne particulate created during handling is considered nuisance dust and should be minimized through the use of good work practices and adequate ventilation.

HMIS Rating: Health: 1 Fire: 0 Reactivity: 0 Personal Protection: B

Primary Routes of Entry: Via respirable dust to the lungs and respiratory system and via coarse dust and particulate to the eyes.

Primary Target Organs: Lungs, respiratory system and eyes.

Potential Health Effects:

Inhalation: Irritating to the mucous membranes and respiratory tract. Excessive exposures to dust may cause sore throat, coughing or upper respiratory irritation.

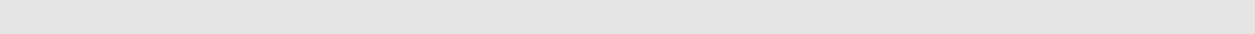
Skin Contact: Possible dryness or irritation resulting from long term exposures to product dust.

Eye Contact: A mechanical irritant which can cause moderate to severe eye irritation.

Ingestion: Non-hazardous when ingested. Potentially a mild irritant to the GI tract if excessive quantity is ingested.

Medical Conditions Aggravated by Exposure: Pre-existing chronic upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma.

Carcinogenicity: This product is not classified by NTP or OSHA. IARC classifies wollastonite as Group 3: Unclassifiable as to carcinogenicity to humans.



SECTION IV - FIRST AID MEASURES

Inhalation: Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust. If coughing and irritation develop, call a physician.

Eye Contact: Flush with large amounts of water until irritation subsides, as least 15 minutes. See a physician if irritation persists.

Skin Contact: Normal good personal hygiene practices. Wash with mild soap and warm water after each exposure.

Ingestion: Emergency procedures not normally required. May be a temporary irritant to the GI system.

SECTION V - FIREFIGHTING MEASURES

NFPA Rating: **Health:** 0 **Fire:** 0 **Reactivity:** 0 **Other:** 0

Flashpoint and Method: This is a non-flammable product **LEL:** N/Ap **UEL:** N/Ap

Extinguishing Method Not applicable. Product will not burn.

Special Firefighting Procedures: Not applicable.

Fire or explosion Hazards: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Clean-up Procedures: Scoop up or shovel material into waste container taking care to minimize dust. Wet down if necessary to control dust. Vacuum clean dust with equipment fitted with an efficient secondary filter.

Personal Precautions: If dusty conditions exist, wear a face mask approved for use with dusts such as 3M 8511, N-95 or equivalent.

Environmental Precautions: None normally required. Product contains naturally occurring minerals.

SECTION VII - HANDLING AND STORAGE

Storage Requirements: Store in dry area. Always segregate materials by major hazard class.

Special Sensitivity or Incompatibility: Avoid contact with strong acids.

Handling Precautions: Assure proper respiratory protection if dust potential exceeds PEL/TLV.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: When over PEL/TLV wear an approved face mask such as 3M 8511, N-95 or equivalent, to protect against dust.

Eye Protection: Wear safety glasses with side shields or goggles to protect eyes against dust and particulate

Skin Protection: Under normal conditions the wearing of protective gloves and clean, body-covering clothing should be adequate.

Engineering Controls: Maintain sufficient mechanical or natural ventilation to assure dust concentrations remain below PEL/TLV. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices.

SECTION IX - PHYSICAL and CHEMICAL PROPERTIES

Physical Form: White acicular, free flowing non-metallic mineral powder. No characteristic odor.

Melting Point: 1540° C

Density: 2.9 g/mL

Solubility in Water: 0.01 g/100 cc

pH: 9.9 Aqueous Solution

SECTION X - STABILITY and REACTIVITY

Stability: Product is stable under normal conditions.

Hazardous Polymerization: Cannot occur.

Incompatibilities: None in designed use.

Conditions to Avoid: None in designed use.

Decomposition Products: No hazardous products of decomposition.

SECTION XI - TOXICOLOGICAL INFORMATION

LD₅₀: N/Av

LC₅₀: N/Av

Toxicological Hazards: Some medical studies of wollastonite mine and mill workers suggest that long term cumulative exposures to wollastonite dust may cause decreased pulmonary function or mild industrial bronchitis, particularly in workers who smoke.

The International Agency for Research on Cancer (IARC) has classified wollastonite as ,Group 3: Unclassifiable as to carcinogenicity to humans.

The German MAK Commission evaluation states: In all probability, wollastonite fibers do not have any carcinogenic affects.

Teratogenicity, Mutagenicity, other Reproductive Effects: None known

SECTION XII - ECOLOGICAL INFORMATION

Ecological Hazards: Wollastonite is a naturally occurring mineral. Unless contaminated in service, this product is neutral to the environment.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: May be disposed in an approved landfill unless contaminated in service. If contaminated with hazardous materials, place waste in suitable container. Seal and properly label the waste container. Send the container to an approved Transportation, Storage and Disposal (TSD) facility via an approved waste hauler. Be sure manifests have been completed and an adequate "Paper trail" has been established.

SECTION XIV - TRANSPORTATION INFORMATION

US DOT Shipping Name: Not regulated

DOT Label: None

UN/NA Number: None

Canadian TGD Shipping Description: Not regulated as dangerous goods according to Canadian TDGA

International Dangerous Goods Information:

IMO: Not regulated as dangerous goods according to the IMDG Code.

ICAO: Not regulated as dangerous goods according to the IACO Technical Instructions.

SECTION XV - REGULATORY INFORMATION**International Occupational Exposure Limits:**

Denmark	1 fiber/cm ³ (wollastonite)
Sweden	0.5 fibers/ml (natural fibers)
Canada, Quebec	1 fibre/cm ³ (wollastonite TWAEV)

Australia: **AICS:** Wollastonite is included in the *Australian Inventory of Chemical Substances*, June 1996 Ed..

Canada: **DSL, NDSL and CEPA:** All components of this product are included in the DSL, NDSL and CEPA Chemical Inventories.

WHMIS: Not controlled by WHMIS.

China: **IECSC:** Wollastonite is included in the *Inventory of Existing Substances in China*.

EEC: **EINECS/ELINCS:** All components of this product are included in the EINECS AND ELINCS EEC Chemical Inventories.

IUCLID: Chemical information on wollastonite has been submitted for inclusion in the *International Uniform Chemical Information Database*.

67/548/EEC: ALTox a/s has on 27/7/98 evaluated and determined that wollastonite is not to be classified according to EEC directive (67/548/EEC).

95/3/EC, Annex III: Listed for use in "Plastic materials and articles intended to come into contact with foodstuffs."

Japan: **ENCS:** Wollastonite is exempt from the list of *Existing and New Chemical Substances* as a naturally occurring mineral.

Korea: **ECL:** Wollastonite is included in the *Korean Existing Chemical List*, ECL Number KE-35416.

Philippines: **PICCS:** Wollastonite is included in the *Philippine Inventory of Chemicals and Chemical Substances*.

USA: **EPA-TSCA:** Wollastonite is exempt from the *TSCA Inventory* as a naturally occurring mineral. All proprietary surface treatments are included on the *TSCA Inventory*.

EPA-CERCLA Reportable Quantity: N/Ap

EPA-SARA Title III: Substances in this product are not reportable under Section 313.

EPA-FIFRA: Wollastonite is present on the list of Pesticide Product Inert Ingredients.

FDA: Approved as pigment or colorant in food contact surface coatings, 21 CFR 175.300.

OSHA: Particulate is regulated as nuisance dust - Particulate Not Otherwise Regulated (PNOR).

ACGIH: Particulate is regulated as a nuisance dust - Particulate Not Otherwise Classified (PNOC).

SECTION XVI - OTHER INFORMATION**References:**

IARC Monograph 68, 283-305, 1997.

Heikki O Koskinen, et al, Fibrosis of the lung and pleura and long term exposure to wollastonite, Scand J work Environ Health, 1997; vol 23, 41-47.

TOMES[®]: Hazardous Substances Data Bank, Registry of Toxic Effects Chemical Substances.

Prepared by: Compliance Consulting Group, Inc.

Approval Date: 22 January 2001

Reason for Issue: New MSDS

Supersedes Date: None

Disclaimer:

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.