

Material Safety Data Sheet: Molecular Sieve

1. Identification of the substance/preparation and the company

Substance: Molecular Sieve/Zeolite

Application: Drying Agent

Company: IMPAK Corporation
13700 South Broadway
Los Angeles, CA 90061

2. Composition/Information of ingredients

Zeolite, NaA (4A) 68989-22-0 (CAS No.) Zeolite, NaA (13X) 68989-23-1 (CAS No.)

Zeolite,

Weight % : 75-85

CAS No.: see above

Hazard symbols: --

R-phrases: --

Index No.: --

EINECS No.: --

Mg Aluminosilicate

Weight % : 15-25

CAS No.: 1327-43-1

Hazard symbols: --

R-phrases: --

Index No.: --

EINECS No.: --

Quartz

Weight % : 0-2

CAS No.: 14808-60-7

Hazard symbols: --

R-phrases: --

Index No.: --

EINECS No.: --

3. Hazards Identification

Hazard description: MAY CAUSE IRRITATION. CAUSES EYE AND SKIN IRRITATION

Inhalation: Irritation of upper respiratory tract.

Ingestion: None identified

Skin Contact: Irritation

Eye Contact: Irritation

Chronic Exposure: No information found

Aggravation of Pre-existing Conditions: No information found

4. First-aid measures

Inhalation: If a person breathes in large amounts, move the exposed person to fresh air

Ingestion: If large amounts were swallowed, give water to drink and get medical advice

Skin Contact: In case of contact, immediately wash skin with plenty of soap and water for at least 15 minutes

Eye Contact: In case of eye contact, immediately flush with plenty of water for at least 15 minutes.

5. Fire-fighting measures

Fire: Not expected to be a fire hazard

Explosion: Contact with moisture or water may generate sufficient heat to ignite combustible materials

Fire Extinguishing Media: Use extinguishing media appropriate for surrounding fire

Special Information: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode

6. Accidental release measures

Wear suitable protective clothing. Carefully sweep up and remove.

7. Handling and Storage

Keep container tightly closed. Suitable for any general chemical storage area. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warning and precautions listed for the product

8. Exposure controls/personal protection

Airborne Exposure Limits: None established.

Ventilation System: In general, dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Respirators (NIOSH Approved): For conditions of use where exposure to the substance is apparent and engineering controls are not feasible, consult an industrial hygienist. For emergencies, or instances where the exposure levels are not known, use a full-facepiece positive pressure, air-supplied respirator. **WARNING:** Air purifying respirators do not protect workers in oxygen-deficient atmospheres

Skin Protection: Wear protective gloves and clean body-covering clothing.

Eye Protection: Use chemical safety goggles and/or full face shield dusting or splashing of solutions is possible.

Maintain eye wash fountain and quick-drench facilities in work area

9. Physical and chemical properties

Appearance:	Blue Beads
Odor:	Odorless
Solubility:	Negligible (<0.1%)
Specific Gravity:	2.10
pH:	No information found
% Volatiles by volume @ 21C (70F):	0
Boiling Point:	No information found
Melting Point:	No information found
Vapor Density (Air-1):	Not applicable
Vapor Pressure (mm Hg):	Not applicable
Evaporation Rate (BuAc=1):	No information found

10. Stability and reactivity

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products: No information found

Hazardous Polymerization: Will not occur

Incompatibilities: Hydrogen fluoride, strong acids, alkalis, olefins, water

Conditions to Avoid: Moisture

11. Toxicological Information

No information found

12. Ecological information

Environmental Fate: No information found

Environmental Toxicity: No information found

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Process, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

14. Transport information

Not regulated

15. Regulatory information

Chemical Inventory Status - Part 1

Ingredient	TSCA	EC	Japan	Australia
Sodium Aluminosilicate	Exempt	No	No	No

Chemical Inventory Status - Part 2

Ingredient	Korea	DSL	NDSL	Phil.
Sodium Aluminosilicate	No	No	No	No

Federal, State & International Regulations - Part 1

Ingredient	RQ	TPQ	List	Chemical Catg.
Sodium Aluminosilicate	No	No	No	No

Federal, State & International Regulations - Part 2

Ingredient	CERCLA	-RCRA-	-TSCA-
Sodium Aluminosilicate	No	261.33	8(d)
		No	No

Chemical Weapons Convention: No TSCA 12(b): No CDTA: No

SARA 311/312: Acute: Yes Chronic: Yes Fire: No Pressure: No

Reactivity No (Pure / Solid)

Australian Hazchem Code: None allocated

Poison Schedule: None allocated

WHMIS: This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

16. Other Information

Label Hazard Warning: CAUTION! MAY CAUSE IRRITATION. CAUSES EYE AND SKIN IRRITATION

Label Precautions: During use avoid contact with eyes, skin, clothing. Wash thoroughly after handling. When not in use keep in a tightly closed container

INTENDED FOR R & D USE ONLY.

NOT ON THE TSCA INVENTORY

Label First Aid: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes.

Remove contaminated clothing and shoes. Wash clothing before reuse.

Product Use: Laboratory Reagent. Research and Development Use Only.

Revision Information: No Changes

The data here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe the products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties, or performance.