

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifiers

Product Name : JLOX-100 Series
Product Type : Molecular Sieve
Synonym : Zeolite

Relevant identified uses of the substance or mixture and uses advised against

Recommended Use : Adsorbent/Desiccant

Details of the supplier of the safety data sheet

Supplier : Interra Global
164 S Prospect Ave
Park Ridge, IL 60068

Telephone : +1(847)292-8600

Emergency telephone number

Emergency : +1(847)292-8600

2. HAZARD(S) IDENTIFICATION

Classification of the substance or mixture

Skin irritation (Category 3), H316 Not a hazardous substance or mixture according to (EC) No. 1272/2008.

Label elements

Label elements (REGULATION (EC) No. 1272/2008):

The substance does not require a label.

Other hazards

Potential health effects:

This substance/mixture contains no components considered to be either persistent, bioaccumulative, and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Chemical Name	Percent	EINECS/ELINCS
1318-02-1	Zeolites	>70	215-283-8
1332-58-7	Kaolin	<30	310-194-1

4. FIRST AID MEASURES**Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

Skin contact

Wash with soap and plenty of water. Consult a physician.

Eye contact

Flush eyes with plenty of water.

If ingested

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or section 11.

Indication of any immediate medical attention and special treatment needed

No data available

5. FIREFIGHTING MEASURES**Extinguishing media General Information**

As in any fire, wear a self-contained breathing apparatus and full protective gear. During a fire, irritating and highly toxic gasses may be generated by thermal decomposition of combustion. Non-combustible substance itself does not burn but may decompose upon heating to produce irritating, corrosive, and/or toxic fumes.

Extinguishing media

Substance is noncombustible; use agent most appropriate to extinguish surrounding fire.

Flash point

Not applicable

Autoignition temperature

Not applicable

Explosion Limits, Lower

Not available

Explosion Limits, Upper

Not available

6. ACCIDENTAL RELEASE MEASURES**General information**

Use proper personal protective equipment as indicated in section 8.

Spills/Leaks

Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions and provide ventilation.

7. HANDLING AND STORAGE**Handling**

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust and vapor. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from moisture.

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

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-face piece 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.

Clothing

Wear appropriate protective clothing to prevent skin exposure.

Eye protection

Use chemical safety goggles or full-face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	:Bead/pellet
Color	:Beige
Odor	:Odorless
Solubility	:Insoluble in water
Specific gravity	:Not available
pH	:Not available
Flash point	:None
Boiling point	:Not available
Freezing/melting point	:Not available
Vapor density	:Not available
Vapor pressure	:Not available
Evaporation rate	:Not available

10. STABILITY AND REACTIVITY**Chemical stability**

Stable under normal temperatures and pressures.

Hazardous decomposition products

Has not been reported.

Hazardous polymerization

Has not been reported.

Incompatible with other materials

Moisture

Conditions to avoid

Excess heat, exposure to moist air or water

11. TOXICOLOGICAL INFORMATION**LD50/LC50**

No data available

Carcinogenicity

No data available

Epidemiology

No data available

Teratogenicity

No data available

Reproductive effects

No data available

Mutagenicity

No data available

Neurotoxicity

No data available

12. ECOLOGICAL INFORMATION**Environmental fate**

No data available

Environmental toxicity

No data available

13. DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

14. TRANSPORT INFORMATION**DOT (U.S.A.) labels required**

None

DOT Shipping Name

Not available

DOT hazard classification

Non-hazardous

IMDG/IMO

Non-hazardous

Special provisions for transport

Not applicable

IATA (for international shipments):

Not hazardous from the standpoint of transportation

15. REGULATORY INFORMATION

Safety data sheets: according to Regulation (EC) No. 1907/2006 and its amendment (453/2010)

Safety, health, and environmental regulations/legislation specific for the substance or mixture:

UK REGULATION - Chip3: Chemical (hazard information and packaging for supply) regulations 2002

Chemical safety assessment

None

Inventories:

EINECS:	Conforms to
TSCA:	Conforms to
AICS:	Conforms to
DSL:	All components of this product are on the Canadian DSL
ENCS (JP):	Conforms to
KECI (KR):	Conforms to
PICCS (PH):	Conforms to
IECSC (CN):	Conforms to

16. OTHER INFORMATION

Thesaurus:

vPVB: very Persistent and very Bioaccumulative

PBT: Persistent, Bioaccumulative, and Toxic

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Approved By	: CB

16.1 Warranty

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