



山东招源硅胶有限公司
INTERNATIONAL SILICA GEL CO., LTD. (SHANDONG)

530, JINHUI ROAD, ZHAOYUAN, SHANDONG, CHINA

Tel: +86-535-8222489 8251155 Fax: +86-535-8246683 E-mail: sales@hysilicagel.com [Http://www.isgco.net](http://www.isgco.net)

MSDS for Molecular Sieve

International Silica Gel Co., LTD.

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MSDS Safety Information

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FSC: 6850
NIIN: 00-181-7727
MSDS Date: 10/21/1997
MSDS Num: CJSGW
Tech Review: 11/06/1999
Product ID: MOLECULAR SIEVE
Responsible Party
Cage: 22627
Name: SHANDONG ZHAOYUAN HUIYUAN INDUSTRY GENERAL COMPANY.
Address: 392, JINCHENG ROAD, ZHAOYUAN, SHANDONG, CHINA.
Info Phone Number: +86-535-8251155

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Item Description Information

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Item Manager: S9G
Item Name: DESICCANT, ACTIVATED
Specification Number: NK
Type/Grade/Class: NK
Unit of Issue: CN
Quantitative Expression: 000000000160Z
UI Container Qty: 1

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Ingredients

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Cas: 1313-59-3
Name: SODIUM OXIDE
< Wt: 30.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Ozone Depleting Chemical: N

Cas: 1309-48-4
RTECS #: OM3850000
Name: MAGNESIUM OXIDE
< Wt: 5.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 15 MG/M3 PARTICULATE
ACGIH TLV: 10 MG/M3; FUME; 9495
Ozone Depleting Chemical: N



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Cas: 1302-74-5
RTECS #: GN0231000
Name: ALUMINUM OXIDE
< Wt: 30.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 5 MG/M3 RESP. DUST
ACGIH TLV: 10 MG AL*20*3/M3
Ozone Depleting Chemical: N

Cas: 14808-60-7
Name: SILICON DIOXIDE
< Wt: 50.
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Ozone Depleting Chemical: N
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Health Hazards Data
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LD50 LC50 Mixture: PRODUCT'S LD50 (ORAL RAT) UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE: MAY CAUSE EYE, SKIN, MUCOUS MEMBRANE IRRITATION. CHRONIC: PROLONGED
INHALATION MAY CAUSE LUNG DAMAGE.
Explanation Of Carcinogenicity: NOT LISTED.
Signs And Symptions Of Overexposure: EYE, SKIN AND MUCOUS MEMBRANE IRRITATION.
Medical Cond Aggravated By Exposure: BREATHING OF DUST MAY AGGRAVATE ASTHMA & INFLAMMATORY OF
FIBROTIC PULMONARY DISEASE.
First Aid: EYE CONTACT-FLUSH EYES WITH WATER FOR 15 MIN AND CONTACT PHYSICIAN. SKIN-WASH AFFECTED
AREA WITH SOAP AND WATER.
INHALATION-REMOVE TO FRESH AIR AND GET MEDICAL ASSISTANCE IF NECESSARY.
INGESTION-IF IN GESTED IN LARGE QUANTITIES, DRINK 2 GLASSES OF WATER.
CONTACT PHYSICIAN FOR PERMISSION TO INDUCE VOMITING. THIS PRODUCT GETS HOT AS IT ABSORBS WATER.
BURNS TO MOIST BODY TISSUE CAN RESULT IF CONTACT I S PROLONGED. NO OTHER EVIDENCE OF SOURCE EFFECTS
FROM AVAILABLE INFORMATION.

Handling and Disposal
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Spill Release Procedures: SWEEP THE SPILL AREA. COLLECT & PLACE SPILLED MATERIAL IN A WASTE
DISPOSAL CONTAINER. AVOID RAISING DUST.
Waste Disposal Methods: DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN AN
ENVIRONMENTALLY ACCEPTABLE MANNER IN FULL COMPLIANCE WITH ALL FEDERAL STATE AND LOCAL EGULATIONS.



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Handling And Storage Precautions: AVOID BREATHING DUST. USE WITH ADEQUATE VENTILATION. WASH AFTER HANDLING.

Other Precautions: USE GOOD PERSONAL HYGIENE.

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Fire and Explosion Hazard Information
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Flash Point Text: DOES NOT BURN

Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: USED MATERIAL MAY CONTAIN PRODUCTS OF A HAZARDOUS NATURE. THE USER OF THIS PRODUCT MUST IDENTIFY HAZARDS OF THE RETAINED MATERIAL AND INFORM FIRE FIGHTERS OF THESE HAZARDS.

Unusual Fire/Explosion Hazard: WHEN EXPOSED TO WATER, MOLECULAR SIEVE CAN GET QUITE HOT. WHEN FIRST WETTED, IT CAN HEAT TO BOILING POINT OF WATER. FLOODING WILL REDUCE THE TEMPERATURE TO SAFE LIMITS.

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Control Measures
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Respiratory Protection: USE NIOSH APPROVED RESPIRATOR WHEN PEL MIGHT BE EXCEEDED.

Ventilation: "NOT APPLICABLE"

Protective Gloves: RECOMMENDED.

Eye Protection: SAFETY GOGGLES WITH SIDE SHIELDS.

Other Protective Equipment: N/A.

Work Hygienic Practices: AVOID RAISING DUST. AVOID CONTACT WITH SKIN, EYES, CLOTHING.

Supplemental Safety and Health: N/A.

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Physical/Chemical Properties
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HCC: N1

NRC/State LIC No: NONE

Spec Gravity: 2.1

Appearance and Odor: PRODUCT MAY APPEAR AS A BEAD PELLETT, MESH CAKE OR POWDER. ODORLESS.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: THE ADDITION OF WATER WITHOUT FLOODING CAN CAUSE A RISE IN TEMPERATURE FROM THE HEAT OF ABSORPTION, AND CONTACT WITH SKIN MIGHT RESULT IN BURNS.

Materials To Avoid: SUDDEN CONTACT WITH HIGH CONCENTRATION OF CHEMICALS HAVING HIGH HEATS OF ABSORPTION.

Hazardous Decomposition Products: DOES NOT READILY DECOMPOSE. ABSORBED MATERIALS SUCH AS HYDROCARBONS WILL BE MORE EASILY GIVEN OFF.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Cage: 22627
Trans ID NO: 149809
Product ID: MOLECULAR SIEVE
MSDS Prepared Date: 10/21/1997
Review Date: 11/06/1999
Article W/O MSDS: N
Net Unit Weight: 2.2 LBS
Limited Quantity IND: N
Multiple KIT Number: 0
Review IND: N
Unit Of Issue: CN
Container QTY: 1
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Detail DOT Information
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DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Info Phone Number: +86-535-8251155

Date Of Label Review: 11/06/1999

Year Procured: 1999

Chronic Hazard IND: Y

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: None

Reactivity Hazard: None

Hazard And Precautions: ACUTE: MAY CAUSE EYE, SKIN, MUCOUS MEMBRANE IRRITATION. CHRONIC:
PROLONGED INHALATION MAY CAUSE LUNG DAMAGE.

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Disclaimer (provided with this information by the compiling agencies):

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Date: Feb. 14, 2008

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