



chemists helping chemists in research & industry

aldrich chemical co., inc.

P.O. Box 355, Milwaukee, Wisconsin 53201 USA

Telephone: (414) 273-3850
TWX: (910) 262-3052 Aldrichem V
Telex: 26 843 Aldrich MI
FAX: (414) 273-4979

UNIV ACCTG SERV

1992 JUL 27 AM 9:44

ATTN: SAFETY DIRECTOR
DR LANCE URVEN
UNIVERSITY OF WISCONSIN WHITEWATER
P O BOX 296
WHITEWATER WI 53190

RECEIVED

DATE: 07/20/92
CUST#: 523216
PO#: Q D 10972

M A T E R I A L S A F E T Y D A T A S H E E T P A G E 1

----- IDENTIFICATION -----

PRODUCT #: 33429-4 NAME: MOLECULAR SIEVES, 4A, 1/8-INCH
CAS #: 70955-01-0 PELLETS

----- TOXICITY HAZARDS -----

NO TOXICITY DATA AVAILABLE

----- HEALTH HAZARD DATA -----

ACUTE EFFECTS

MAY BE HARMFUL IF SWALLOWED.
MAY BE HARMFUL IF INHALED.
CAUSES EYE AND SKIN IRRITATION.
MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER
RESPIRATORY TRACT.

FIRST AID

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH COPIOUS AMOUNTS OF
WATER FOR AT LEAST 15 MINUTES.
FLUSH SKIN WITH WATER.
IF INHALED, REMOVE TO FRESH AIR.
IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.

----- PHYSICAL DATA -----

APPEARANCE AND ODOR
TAN PELLETS

----- FIRE AND EXPLOSION HAZARD DATA -----

EXTINGUISHING MEDIA

NONCOMBUSTIBLE.
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO
PREVENT CONTACT WITH SKIN AND EYES.

----- REACTIVITY DATA -----

INCOMPATIBILITIES

HYDROGEN FLUORIDE
STRONG ACIDS
STRONG BASES

CONTINUED ON NEXT PAGE

France
Aldrich-Chimie S.a.r.l.
B.P. 701
38297 Saint Quentin Fallavier
Cedex
Telephone: 74822800
Telex: 308215 Aldrich F
FAX: 74956808

Japan
Aldrich Japan
Kyodo Bldg. Shinkanda
10 Kanda-Mikuracho
Chiyoda-Ku, Tokyo
Telephone: 0332590155
FAX: 0332580157

United Kingdom
Aldrich Chemical Co. Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP9 4JL
Telephone: 0747822211
Telex: 417238 Aldrich G
FAX: 0747823779

Switzerland
Aldrich Chemie
Industriestrasse 25
P.O. Box 260
CH-9470 Buchs
Telephone: 08569723
FAX: 08567420

Belgium/Holland
Aldrich Chemie
K. Cardijnplein, 8
B-2880 Bornem
Telephone: 038991301
FAX: 038991311

Italy
Aldrich Chimica
Via Gallarate, 154
20151 Milano
Telephone: 0233417370
FAX: 0238010737

Spain
Aldrich Quimica
Aptdo. 161
28100 Alcobendas (Madrid)
Telephone: 3416619977
Telex: 22189 SAQS E
FAX: 3416619642

Germany
Aldrich-Chemie GmbH & Co. KG
W-7924 Steinheim
Telephone: 07329870
Telex: 714838 Aldri D
FAX: 0732987139/239

Australia
Aldrich Chemical
Unit 2
10 Anella Ave.
Castle Hill NSW 2154
Telephone: 028999977
FAX: 028999742



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M A T E R I A L S A F E T Y D A T A S H E E T P A G E 2

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PRODUCT #: 33429-4
CAS #: 70955-01-0

NAME: MOLECULAR SIEVES, 4A, 1/8-INCH PELLETS

----- REACTIVITY DATA -----

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS
NATURE OF DECOMPOSITION PRODUCTS NOT KNOWN.

----- SPILL OR LEAK PROCEDURES -----

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED
WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES.
SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
AVOID RAISING DUST.
VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.
WASTE DISPOSAL METHOD
BURY IN A LANDFILL SITE APPROVED FOR THE DISPOSAL OF CHEMICAL AND HAZARDOUS WASTES.

--- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

CHEMICAL SAFETY GOGGLES.
WEAR DUST MASK.
SAFETY SHOWER AND EYE BATH.
COMPATIBLE CHEMICAL-RESISTANT GLOVES.
MECHANICAL EXHAUST REQUIRED.
DO NOT BREATHE DUST.
AVOID CONTACT WITH EYES, SKIN AND CLOTHING.
WASH THOROUGHLY AFTER HANDLING.
IRRITATING DUST.
KEEP TIGHTLY CLOSED.
HYGROSCOPIC

LABEL PRECAUTIONARY STATEMENTS

IRRITANT
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.
WEAR SUITABLE GLOVES AND EYE/FACE PROTECTION.
DO NOT BREATHE DUST.

----- ADDITIONAL PRECAUTIONS AND COMMENTS -----

ADDITIONAL INFORMATION

SYNONYMS: SODIUM POTASSIUM SILICOALUMINATE, SODIUM POTASSIUM

CONTINUED ON NEXT PAGE

Belgium/Holland
Aldrich Chemie
K. Cardinplein, 8
B-2880 Bornem
Telephone: 038991301
FAX: 038991311

France
Aldrich-Chimie S.a.r.l.
B.P. 701
38297 Saint Quentin Fallavier
Cedex
Telephone: 74822800
Telex: 308215 Aldrich F
FAX: 74956808

Italy
Aldrich Chimica
Via Gallarate, 154
20151 Milano
Telephone: 0233417370
FAX: 0238010737

Japan
Aldrich Japan
Kyodo Bldg, Shinkanda
10 Kanō-Mikuracho
Chiyoda-Ku, Tokyo
Telephone: 0332580155
FAX: 0332580157

Spain
Aldrich Quimica
Apto. 161
28100 Alcobendas (Madrid)
Telephone: 3416619977
Telex: 22189 SAQS E
FAX: 3416619642

United Kingdom
Aldrich Chemical Co. Ltd.
The Old Brickyard, New Road
Gillingham, Dorset SP8 4JL
Telephone: 0747622211
Telex: 417238 Aldrich G
FAX: 0747623779

Germany
Aldrich-Chemie GmbH & Co. KG
W-7924 Sternheim
Telephone: 07329870
Telex: 714838 Aldri D
FAX: 0732987139/239

Switzerland
Aldrich Chemie
Industriestrasse 25
P.O. Box 260
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Telephone: 08569723
FAX: 08567420

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PELLETS

----- ADDITIONAL PRECAUTIONS AND COMMENTS -----

ALUMINOSILICATE. CAUTION: AS WITH DRY POWDERS, MOLECULAR SIEVES IN POWDER OR BEAD FORM MAY BUILD UP STATIC ELECTRICITY WHEN BEING POURED. USE PROPER GROUNDING WHEN POURING FROM A BAG OR DRUM IN THE PRESENCE OF FLAMMABLE VAPORS.

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France
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Telephone: 3416619977
Telex: 22189 SAQS E
FAX: 3418619642

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