



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Name**AZD5847****Alternative Names**

AZD2563 Diol

Address/Phone No : ASTRAZENECAP.O. Box 15437
Wilmington, DE 19850-5437
USA**Phone (24 hr.) Medical :**

(800) 236-9933

Chemtrec :

(800) 424-9300

SafetyDataSheets.AlderleyPark@astrazeneca.com

2. HAZARDS IDENTIFICATION

Form : powder
Color : white to yellow

Some evidence of genotoxicity but not considered to present a mutagenic hazard to man. The activity was weak. Evidence of cardiovascular changes in dogs. Studies in animals have shown that repeated doses may produce adverse effects on liver function. Possible risk of harm to the unborn child. (including embryoletality).

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS No. : None assigned
Use : Pharmaceutical active: antibiotic

HAZARDOUS INGREDIENT(S)	%	CAS No.
AZD5847		

NON HAZARDOUS INGREDIENT(S)	%	CAS No.
Not applicable		

4. FIRST AID MEASURES

PREGNANT WOMEN SHOULD SEEK MEDICAL ADVICE

- Inhalation : Remove patient from exposure, keep warm and at rest. Obtain immediate medical attention.
- Skin Contact : Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water. Obtain immediate medical attention.
- Eye Contact : Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention.
- Ingestion : Wash out mouth with water and give 200-300ml of water to drink. Do not induce vomiting. Obtain immediate medical attention.

Note to Physicians

Symptomatic treatment and supportive therapy as indicated. Emergency medical treatment advice varies within different countries. For further information consult the Local National Poisons Information Services.

5. FIRE FIGHTING MEASURES

In common with many organic compounds in powder form it can produce flammable dust clouds in air.

- Extinguishing Media (suitable) : water spray, foam, dry chemical or CO₂.
- Extinguishing Media (unsuitable) : -
- Fire Fighting Protective Equipment : A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions : Ensure suitable personal protection during removal of spillages. See Section 8.
- Environmental Precautions : Prevent entry into drains, sewers or watercourses.
- Clean Up Methods : Avoid dust generation. Moisten spillages with water. Transfer to a container for disposal. Wash the spillage area with water.

7. HANDLING AND STORAGE

- Handling : Control dust formation. Do not breathe dust. Avoid contact with skin and eyes. The material can form flammable dust clouds in air. Dust clouds may be extremely sensitive to ignition by electrostatic discharge and other ignition sources. Ensure good earthing of equipment and personnel.
- Storage : Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls : Atmospheric levels should be controlled using the principles of good occupational hygiene practice as specified in the workplace risk assessment.

Occupational Exposure Limits

HAZARDOUS

INGREDIENT(S)

TWA

STEL/CEILING(C)

No ACGIH TLV or
OSHA PEL assigned.

- Personal Precautions : Selection of personal protective equipment and procedures for use should be based on the workplace risk assessment and local requirements. Respiratory protective equipment and gloves etc. should be changed at appropriate intervals as specified in the workplace risk assessment and in accordance with manufacturers information. Factors that affect breakthrough time are: Concentration of the material and duration of exposure, permeability, contact temperature, etc
- Respirators : As necessary, use NIOSH/MSHA approved respiratory protection device consistent with the work place risk assessment. Consult a qualified safety and health professional for additional guidance, as needed.
- Protective Clothing : Impervious gloves and apron.
- Eye Protection : Wear chemical tight goggles.
- Other Protective Equipment : Eyewash station and safety shower in work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : powder
- Color : white to yellow
- Molecular Weight : 465.41 g/mol
- Solubility (Water) : practically insoluble

Solubility (Other) : Freely soluble in:, DMSO, soluble in:, acetone, and, aqueous, ethanol

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions : None known.
Conditions to avoid : No information available.
Hazardous decomposition products : None known.

11. TOXICOLOGICAL INFORMATION

Inhalation : Adverse effects similar to ingestion may occur following exposure to the dust.
May cause adverse effects as described under long term.

Skin Contact : Unlikely to be corrosive to the skin.
It is not a moderate or strong skin sensitiser in animal tests.

Eye Contact : Unlikely to be a severe irritant to the eye.
Ingestion : No evident toxicity in rats at a dose of 2000mg/kg.
May cause cardiovascular effects.

Long Term Exposure : Some evidence of genotoxicity but not considered to present a mutagenic hazard to man., The activity was weak., Evidence of cardiovascular changes in dogs., Studies in animals have shown that repeated doses may produce adverse effects on liver function., Possible risk of harm to the unborn child., (including embryoletality).

12. ECOLOGICAL INFORMATION

Ecotoxicity : No information available.

13. DISPOSAL CONSIDERATIONS

- Chemical Disposal/ : Disposal should be in accordance with local, state or national legislation.
- Disposal Method : AstraZeneca recommends disposal of waste material via high-temperature incineration.
- Contaminated Packaging : Empty container will retain residue. Observe all hazard precautions.

14. TRANSPORT INFORMATION

NOT RESTRICTED FOR TRANSPORT

15. REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710: This product is a drug and is exempt from TSCA regulation when manufactured, processed or distributed in commerce for use as a drug. CERCLA and SARA Regulations (40 CFR 302,355,370 and 372): This product does not contain any chemicals subject to applicable reporting requirements. Other Determined Regulations: California Proposition 65: This product does not contain a listed chemical. Discarded product is not considered a "hazardous waste" under RCRA, 40 CFR 261.

16. OTHER INFORMATION

This Material Safety Data Sheet was prepared in accordance with ANSI Z400.1/Z129.1-2010

GLOSSARY

- COM : In-house occupational exposure limit
- TLV : Threshold Limit Value (ACGIH)
- TLV-C : Threshold Limit Value – Ceiling Limit (ACGIH)
- HYG : An in-house analytical method for occupational exposure monitoring is available.
- Sk : Can be absorbed through skin, thus contributing to systemic effects
- Sen : Capable of causing respiratory sensitisation

This Glossary is applicable to substances for which Occupational Exposure Limits are assigned. Not all of the Glossary items may have been used in this Data Sheet.

The information contained herein is based on data considered accurate and is offered solely for information, consideration and investigation. Company extends no warranties, makes no representations and assumes no responsibility as to the accuracy, completeness or suitability of this data for any third party use. The data on this Material Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. All chemical products should be used only by, or under the direction of, technically qualified personnel who are aware of the hazards involved and the necessity for reasonable care in handling. Hazard communication regulations require that employees must be trained on how to use a Material Safety Data Sheet as a source of hazard information.