SAFETY DATA SHEET – ACETAZOLAMIDE EXTENDED RELEASE CAPSULES 500 MG

1. IDENTIFICATION

Material Identification : Acetazolamide Extended Release Capsules 500 mg

Active Ingredient : Acetazolamide

Molecular Formula : $C_4H_6N_4O_3S_2$ **Molecular Weight** : 222.24g/mol

CAS Number : 59-66-5

Product Use : Acetazolamide Extended Release Capsules 500 mg is indicated for adjunctive treatment of chronic simple (openangle) glaucoma, secondary glaucoma, and preoperatively in acute angle-closure glaucomawhere delay of surgery is desired in order to lower intraocular pressure.

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2. HAZARDS IDENTIFICATION

Hazard Description : Warning

Hazard statements : Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation

Precautionary statement(s) : Wear suitable protective clothing and gloves.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Material		%
Acetazolamide	:	79.37
Microcrystalline cellulose (Avicel PH 101)	:	*
Hydroxypropyl Cellulose (KLUCEL - LF)	:	*
Sodium Lauryl Sulphate(Stepanol WA-100)	:	*
Talc	:	*
Hard gelatin capsules	:	*

* Proprietary

Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety.

4. FIRST AID MEASURES

Eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses if present. Continue rinsing.
Skin contact	:	Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor.
Inhalation	:	In case of unconsciousness, place patient in recovery position for transport.
Ingestion	:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE FIGHTING MEASURES

Extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards	:	Formation of toxic gases is possible during heating or in case of fire.
Special protective equipment	:	Wear self-contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.
Environmental precautions	:	Prevent further leakage or spillage. Do not let product enter drains. Discharge into the environment must he avoided.
Methods and materials for containment and cleaning up	:	Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling	:	Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.
Storage Conditions	:	Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from sources of ignition and heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Use appropriate personal protective equipments tested and approved under appropriate Government standards i.e. Gloves, safety goggles, respirators.
Use Complete suit protecting against chemicals and avoid skin contact with the product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Capsule
Color	:	Opaque orange
Appearance	:	Opaque orange / Opaque orange, hard gelatin capsule imprinted with ‘M’ on cap and ‘26’ on body contains white to off white pellets.
Molecular Formula	:	$C_4H_6N_4O_3S_2$
Molecular Weight	:	222.24g/mol

10. STABILITY AND REACTIVITY

Reactivity	:	Stable under normal conditions.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known.
Conditions to avoid	:	Heat
Incompatible materials	:	strong Oxidizing agents.
Hazardous decomposition products	:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NOx) Other decomposition products - No data available.

11. TOXICOLOGICAL INFORMATION

PDE (mg/day)	:	1.3 (oral) and 0.5 (IV)
Genotoxicant	:	No
Reproductive/ developmental toxicant	:	Yes
Carcinogen	:	Unknown
Highly sensitising Potential	:	No

12. ECOLOGICAL INFORMATION

Aquatic toxicity	:	No information available.
Persistence and degradability	:	No data available.
Bio accumulative potential	:	No data available.
Mobility in soil	:	No data available (4-(2-Oxiranylmethoxy)-9H-carbazole).
Other adverse effects	:	No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of wastes	:	Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber. Dispose of contents/container in accordance with local regulations.

14. TRANSPORTATION INFORMATION

This substance is considered to be non-dangerous.

15. REGULATORY / STATUTORY INFORMATION

Regulatory information	:	General health, safety and environmental precautions to be followed.

16. OTHER INFORMATION

Date of preparation: 18/03/21

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End of Safety Data Sheet