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Section 1 : Identification

- Identification Of The Substance Or Mixture : L-Prolinamide
- GHS identifier : EC No. 231-397-0
- Other unique identifier : ----
- Supplier's details :
- Name, full address and phone number(s) : Atul Ltd., Pharmaceuticals and Intermediates Division, PP-site, Atul, Dist. Valsad, Gujarat, India-396020
Tel. No.: +91 2632 233204, 233205, 233474
- Recommended use of the chemical And restrictions on use; and : Chiral catalyst, not regulated item
- Emergency phone number : +91 2632 230269, 233580, 230194

Section 2 : hazard identification

- Classification of the substance or mixture : Irritant
- GHS labels, including precautionary statements : **Signal Word:** Warning (!)
Hazard statement: irritant to eyes, may be irritant to skin. In case of contact wash with copious amount of water. May be harmful if swallowed
- Other hazards which do not result in classification : ----

Section 3 : Composition/ information on ingredients

- Substances :
- Chemical identity : Min. 97.0%
- Common name, synonym of the substance : L-Prolinamide
- CAS number and other unique identifier : 7531-52-4
- Impurities and stabilizing additives : ----
- Mixtures(for all hazardous ingredients) : ----
- Chemical identity : ----
- Identification number : ----
- Concentration range : ----

Section 4 : First-aid measures

- Description : ----
- Most important symptoms/effects, acute and delayed;
- Eyes : Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.



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- Skin : Flush skin with plenty of soap at least 15 minutes while removing contaminated clothing and shoes.
- Ingestion : Wash mouth out with water if victim is conscious. Consult a physician
- Inhalation : Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
- If needed, indication of : ----
- Immediate medical attention; : ----
- Special treatment; : ----

Section 5 : First-fighting measures:

- Suitable Extinguishing Media : Use water spray, dry chemical, carbon dioxide, or chemical foam
- Specific hazards arising from the chemical : May give out toxic fumes during combustion
- Special protective equipment and precautions for fire-fighters; : As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Section 6 : Accidental Release Measures:

- Personal precautions, protective equipment and emergency procedures : ----
- Personal precautions : Use personal protective equipment. Avoid inhalation of dust
- Environmental precaution : ----
- Method and materials for containment and cleaning up : Vacuum sweep the spilled material and collect in a suitable container for proper disposal. Ventilate the area and wash with water

Section 7 : Handling and Storage

- Precautions for safe handling : Avoid breathing dust. Avoid contact with skin and eyes.
- Conditions for safe storage (including incompatibilities) : Store in a cool, dry place. Store in a tightly closed container excluding moisture.

Section 8 : Exposure Controls/ Personal Protection

- Control parameter : ----
- Appropriate Engineering Controls : Use adequate ventilation to keep airborne concentrations low.
- Individual protection measures (including personal protective equipment (PPE));

PERSONAL PROTECTIVE EQUIPMENT



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- Eyes : Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
- Skin : Wear appropriate protective gloves to prevent skin exposure.
- Clothing : Wear appropriate protective clothing to prevent skin exposure.
- Respirators : Following the OSHA respirator regulations found in 29CFR 1910.034 or European Standard EN 149. Always use a NIOSH European Standard EN 149 approved respirator when necessary.

Section 9 : Physical and chemical properties

- Physical State (20⁰C) : Solid
- Form : Crystalline powder
- Appearance : White-light yellow
- Odour : ----
- Odour threshold : ----
- pH : ----
- Melting point/freezing point : 98°C
- Initial boiling point and boiling range : ----
- Flash point : ----
- Evaporation rate : ----
- Flammability (solid, gas) : ----
- Upper flammability or explosive limits : ----
- lower flammability or explosive limits : ----
- Vapour pressure : ---
- Vapour density : ----
- Relative density : ----
- Solubility(ies) : ----
- Partition coefficient : ----
- Auto-ignition temperature : ----
- Decomposition temperature : ----
- Viscosity : ----

Section 10 : Stability And Reactivity



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- Reactivity : ----
- Chemical Stability : Stable under normal temperatures and pressures. Absorbs moisture from the air.
- Possibility of hazardous reaction : ----
- Conditions to Avoid : Incompatible materials.
- Incompatible Materials : Strong oxidizing agents, strong bases/acids .
- Hazardous Decomposition Products : carbon monoxide, oxides of nitrogen, carbon dioxide.

Section 11 : Toxicological Information

- Provide data for all the health hazards covered by the GHS. : ----
If data for any of those hazards is not available, they should be listed on the SDS with a statement that data is not available.
- Information on the likely routes of exposure; : Skin, Nose, Eyes
- Symptoms related to the physical, chemical and toxicological characteristics; : ----
- Delayed and immediate effects and chronic effects from short or long term exposure; : ----
- Numerical measures of toxicity (such as ATE) : The toxicological properties have not been investigated thoroughly
- Interactive effects; : ----
- Where specific chemical data are not available; : ----
- Mixtures : ----
- Mixture versus ingredient information; : ----
- Other relevant information; : ----

Section 12 : Ecological Information

- Toxicity : ----
- Persistence/degradability : ----
- Bioaccumulation : ----
- Mobility in soil : Water soluble
- Other adverse effects : Biodegradable.

Section 13 : Disposal Considerations

- Dispose of in a manner consistent with federal, state, and local regulations.

Section 14 : Transport Information

- UN Number : NA
- UN Proper Shipping Name : Not regulated



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- Transport hazard classes : ----
- Packing group, if applicable : ----
- Environmental hazards : ----
- Special precautions for user : ----

Section 15 : Regulatory Information

- Regulatory information not provided elsewhere in the SDS : ----
- Safety, health and environmental regulations specific for the chemical in question : For Industrial use only; Not for household use

Section 16 : Other Information

- Date of preparation of the latest version of the SDS. : 01.11.07
- Clear indication of the changes made to the previous revision. : No change
- Key/legend to abbreviations and acronyms used in the SDS; : ----
- Key literature references and sources for data used to compile the SDS. : ----

Disclaimer:

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