

CJ INDONESIA



PT. CHEIL JEDANG INDONESIA

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MATERIAL SAFETY DATA SHEET

L-LYSINE MONOHYDROCHLORIDE

No. Doc. TEQ-BRS-02-05

COMPANY NAME

Manufacturer: PT. Cheil Jedang Indonesia
Desa Arjosari, Kecamatan Rejos, Kabupaten Pasuruan,
East Java, Indonesia 667181

Emergency Phone: +62 343 401333, 482333

DESCRIPTION

Composition: L-Lysine HCl 99% (L-Lysine base 79%)
Chemical Family: Amino Acid (Essential)
Molecular Formula: $C_6H_{14}N_2O_2 \cdot HCl$
Molecular Weight: 182.65
Structure Formula: $[H_2N - CH_2 - CH_2 - CH_2 - CH_2 - CH - COOH] \cdot HCl$
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NH₂

STATEMENT OF HEALTH HAZARD

Hazard Description: Avoid contact with eyes, mild eye irritant. Otherwise non hazardous

EMERGENCY TREATMENT

Emergency Aid: Flush eyes with water 15 minutes, ensure thorough rinsing

PHYSICAL DATA

Bulk Density: 0.67 ~ 0.75 g/ml
Appearance and Odor: White or pale brownish powder, Odorless, Having characteristic taste
Solubility in Water at 30 C: 642 g/L
Percent Volatile: 0%

Evaporation Rate: None

SPILL OR LEAK PROCEDURE

Step to be taken: Ordinary, same as food

Waste disposal: Dissolve or suspend in water

FIRE AND EXPLOSION HAZARD DATA

Flash point: None

Auto Ignition Temperature: N/A

Flammable liimit in air: None Flammable

Extinguishing Media: Water

Special Fire Fighting Procedure: Should wear protective clothing and respiratory protection to protect from fumes of HCl and NOx

Unusual Fire and

Explosion Hazard: Not a fire hazard

CHEMICAL REACTIVITY

Stability: Stable if stored in dry condition in sealed or closed containers

Condition to avoid: None

Hazardous

Decomposition Product: When heated to decomposition, chlorous and nitrous fumes will be emitted.

SPECIAL PROTECTION AND PROCEDURES

Respiratory protection: Unnecessary

Ventilation: Ordinary

Protective Equipment: Not needed

SPECIAL PRECAUTION

Handling: Recommended to wear glove and face mask if excessive handling is necessary

Storage: Keep away from sources of ignition. Store in dry conditions in sealed or closed containers

Work place: Keep to be clean

LABELING AND HANDLE DELIVERING

Proper delivering name: L-Lysine Monohydrochloride 99%

Packaging: 25 kg net with 3 ply Kraft paper bag and 1 ply PE
500 kg Big bag with PE laminated
800 kg Big bag with PE laminated
18000 ~ 20000 kg BCS

OTHER INFORMATION

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.

