

CREATININE HYDROCHLORIDE

1) IDENTIFICATION OF THE SUBSTANCE / PREPARATION & OF THE COMPANY / UNDERTAKING

Identification of the Product :

Catalogue No : 47050
Product Name : Creatinine hydrochloride

Manufacturer / supplier Identification

Company : S D FINE-CHEM LIMITED
Location : 315 – 317, T.V. Industrial Estate
248 Worli Road, P.B. No 19160
Mumbai 400030 (India)
Telephone : 91 (022) 24959898, 24959899
Fax : 91 (022) 24937232
Email : technical@sdfine.com

2) COMPOSITION / INFORMATION ON INGREDIATS

Synonyms : -
CAS- No : 19230-81-0
Molar. Mass : 149.58
Molecular Formula : C₄H₇N₃O.HCl

3) HAZARDS IDENTIFICAITON

No evaluative data are available. A classification according to categories of danger as specified in Directive 67/548/EEC and laid down in the legislation of the country concerned can therefore not be made.

4) FIRST AID MEASURES

After inhalation : Fresh air.
After skin contact : Wash off with plenty of water. Remove contaminated clothing.
After eye contact : Rinse out with water.
After swallowing : Make victim drink plenty of water, induce vomiting, Summon doctor if feeling unwell.

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5) FIRE – FIGHTING MEASURES

Suitable Extinguishing Media:
Powder, Foam.

Special risks : Combustible

6) ACCIDENTAL RELEASE MEASURES

Person-related precautionary measures :
Avoid substance contact.

Procedures for cleaning/absorption :
Take up dry. Forward for disposal. Clean up affected area. Avoid generation of
dusts.

7) HANDLING & STORAGE

Handling:
No further requirements.
Storage:
Store in a tightly closed. Dry.

8) EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment
Respiratory protection : required when dusts are generated.
Eye protection : required.
Hand protection : required.
Protective clothing should be selected specifically for the working place, depending
on concentration and quantity of the hazardous substance handled. The resistance
of the protective clothing to chemicals should be ascertained with the respective
supplier.

Industrial hygiene : Change contaminated clothing. Wash hands after working
with substance.

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9) PHYSICAL & CHEMICAL PROPERTIES

Physical State	: Powder.
Appearance	: White crystalline powder.
Odour	: Not available
pH at 10 g/l H ₂ O (20°C)	: Not available.
Vapor Pressure	: Not available.
Viscosity	: Not available.
Boiling Point	: Not available.
Freezing/Melting Point	: Not available.
Autoignition Temperature	: Not available.
Flash Point	: Not available.
Explosion Limits, lower	: Not available.
Explosion Limits, upper	: Not available.
Decomposition Temperature	: Not available.
Solubility -	:
Water (20°C)	: 10% soln. is clear & colourless.
Ethanol (20°C)	: --
Specific Gravity/Density	: ---
Molecular Formula	: C ₄ H ₇ N ₃ O.HCl
Molecular Weight	: 149.58

10) STABILITY & REACTIVITY

Conditions to be Avoid: No information available.

Substances to be avoided : No information available.

Hazardous Decomposition Products:
No information available.

11) TOXICOLOGICAL INFORMATION

Acute toxicity
Quantitative data on the toxicity of this product are not available.

Further Data
Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately. The product should be handled with the care usual when dealing with chemicals.

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12) ECOLOGICAL INFORMATION

Ecotoxic effects : Quantitative data on the ecological effect of this product are not available.

Further ecologic data :

No ecological problems are to be expected when the product is handled and used with due care and attention.

13) DISPOSAL CONSIDERATIONS

Product :

There are no uniform EC Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Packaging :

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14) TRANSPORT INFORMATION

Land Transport :

Classification : Not Applicable.

Name :

Transport by River

Classification : Not Applicable.

Transport by Sea

Classification : Not Applicable.

Ems

Name :

Transport by Air

Classification : Not Applicable.

Name :

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15) REGULATORY INFORMATION

Hazard Symbols: ---

Risk Phrases : ---

Safety Phrases: ----

16) OTHER INFORMATION

Reason for alternation

General update

17) DISCLAIMER :

The above information is believed to be accurate and represent the best information currently available to us, but does not represent any warranty expressed or implied of the properties of the product. User should make their own investigation to determine the suitability of the information for their particular purpose.
