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MATERIAL SAFETY DATA SHEET

Pararosaniline hydrochloride

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers :
Product name : Pararosaniline hydrochloride
Product number : 0000569619
Brand : Discovery
Reach No.: A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require registration or the registration is envisaged for a later Registration deadline.
Cas No. : 569-61-9

1.2 Relevant identified uses of the substance or mixture and uses advised against
Identified uses : laboratory chemicals, manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company:	Discovery Fine Chemicals Ltd Unit 4A, Old Forge Road, Ferndown Ind. Estate, Wimborne, Dorset, BH21 7RR. United Kingdom
Telephone:	+44 (0)1202 874517
Fax:	+44 (0)845 0944 385
E-mail:	discovery@discofinechem.com

1.4 Emergency telephone : +44 (0)7912 646956

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Carcinogenicity (Category 1B), H350
For the full text of the H-Statements mentioned in this section see section 16
Classification according to EU Directives 67/548/EEC or 1999/45/EC
2.2 Label elements
Labelling according Regulation (EC) No 1272/2008
Pictogram



Signal word: Danger
Hazard statement(s)
H350 May cause cancer.
Precautionary statement(s)
P201 Obtain special instructions before use
P202 Do not handle until all safety precautions have been read and understood
P280 Wear protective gloves/clothing and eye/face protection
P308+P313 If exposed or concerned get medical attention
P405 Store locked up
P501 Dispose of contents to an approved waste disposal plant
Supplemental hazard : none
Restricted to professional users

2.3 Other hazards
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT),or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Formula: C19H17N3 ·HCl
Molecular Weight: 323.82 g/mol
Cas No: 569-61-9
E.C.No: 209-321-2
Index No.611-031-00-X

Component	Classification	Concentration
Pararosaniline HCl		
CAS-No.569-61-9	Carc. 1.B	<=100%
E.C.No. 212-321-2	H350	

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures
General advice
Consult a doctor. Show this safety data sheet to the doctor in attendance.
If inhaled - If breathed in, move person into fresh air. If not breathing,give artificial respiration.
In case of skin contact – Wash off with soap and water. Consult a physician.
In case of eye contact – Flush eyes with water as a precaution.
If swallowed
Rinse mouth with water. Consult a physician.
4.2 Most important symptoms and effects, both acute and delayed – the most important known symptoms and effects are described in the labelling (see section 2.2 and/or in section 11.
4.3 Indication of any immediate medical attention and special treatment needed
no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media – use water spray, alcohol resistant foam, dry chemical or carbon dioxide (CO2)
Unsuitable extinguishing media – for this substance no limitations of extinguishing agents are given.
5.2 Special hazards arising from the substance or mixture
Carbon oxides
Nitrogen oxides (NOx)
5.3 Advice for firefighters – wear self contained breathing apparatus for firefighting if necessary.
5.4 Further information - no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use personal protective equipment.Avoid dust formation. Avoid breathing vapours,mist or gas.
Ensure adequate ventilation. Avoid breathing dust. For personal protection see section 8.
6.2 Environmental precautions – Prevent further leakage or spillage**.** Do not let product enter drains.
6.3 Methods and materials for containment and cleaning up – pick up and arrange disposal without creating dust.sweep and shovel up. Keep in suitable closed containers for disposal.
6.4 Reference to other sections - For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling
Avoid formation of dust and aerosols.
Advice on protection agaianst fire and explosion
Provide appropriate exhaust ventilation at places where dust is formed.
Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday. For precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place. Store in a cool place.
Storage class (TRGS510) : 6.1c: Combustible, acute toxic Cat.3 / toxic compounds or compounds which cause chronic affects.
7.3 Specific end use(s)
Apart from the uses mentioned in section 1.1 no other specific uses are stipulated

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
8.1 Control parameters
Ingredients with workplace control parameters
Contains no substances with occupational exposure limit values.
8.2 Exposure controls
Appropriate engineering controls - Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Personal protective equipment
Eye/face protection - Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin protection - Handle with gloves. Gloves must be inspected prior to use.
Full contact
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:KCL 740 Dermatril®
Splash protection
Material: Nitrile rubber
Minimum layer thickness: 0.11 mm
Break through time: 480 min
Material tested:Dermatril®
Body Protection – Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection -For nuisance exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties
a) Appearance - Form: powder, Colour: dark green
b) Odour - no data available
c) Odour Threshold - no data available
d) Melting point/freezing point - Melting point/range: - 268-270°C
e) Initial boiling point and boiling range - no data available
f) Flammability (solid, gas) - no data available
g) Upper/lower flammability or explosive limits - no data available
h) Flash point – not applicable

i) Autoignition temperature - no data available
j) Decomposition temperature - no data avaialble
k) pH - 7.5 – 9.0
l) Viscosity – viscosity,kinematic: no data available
- viscosity dynamic: no data available
m) Water solubility – no data avaialble
n) Partition coefficient: log Pow -0.21.
o) Vapour pressure - no data available
p) Density - no data available
Relative density – no data available
q) Relative vapour density - no data available
r) Particle characteristics - no data available
s) Explosive properties – no data available
t) Oxidizing properties - no data available
9.2 Other safety information - no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No data avaialble

10.2 Chemical stability

The product is chemically stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

In the event of fire see section 5

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

LD50 Oral - mouse – 5000mg/kg
Inhalation – no data available
Dermal – no data available

Skin corrosion/irritation - no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

No data available.

Germ cell mutagenicity

Test type : Rat
Test system : Liver
Remarks : unscheduled DNA synthesis
Species : Mouse
Application route : Oral
Remarks : DNA damage

Carcinogenicity

This product is or contains a component that has been reported to be probably carcinogenic based on its IARC, OSHA, ACGIH, NTP, or EPA classification.

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Aspiration hazard

No data available

11.2 Additional Information
RTECS: CX9850100
Liver – Irregularities – based on Human Evidence

12. ECOLOGICAL INFORMATION
12.1 Toxicity - no data available
12.2 Persistence and degradability - no data available
12.3 Bio-accumulative potential - no data available
12.4 Mobility in soil - no data available
12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT),or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
12.6 Endocrine disrupting properties
No data available
12.7 Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods
Product
Offer surplus and non-recyclable soltions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.Waste material must be disposed of in accordance with the directive on waste 2008/98/EC. . Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

14. TRANSPORT INFORMATION
14.1 UN number
ADR/RID: - IMDG: - IATA: -
14.2 UN proper shipping name
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods
14.3 Transport hazard class(es)
ADR/RID: - IMDG: - IATA: -
14.4 Packaging group
ADR/RID: - IMDG: - IATA: -
14.5 Environmental hazards
ADR/RID: no IMDG Marine Pollutant: no IATA: no
14.6 Special precautions for user
Further Information
Not classified as dangerous in the meaning of transport regulations

15. REGULATORY INFORMATION
15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
Other regulations
Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regualtions where applicable.
Take note of DIR 94/33/EC on the protection of young people at work
15.2 Chemical Safety Assessment –
For this product a chemical safety assessment was not carried out.

16. OTHER INFORMATION
Text of H-code(s) and R-phrase(s) mentioned in Section 2 and 3
H350 may cause cancer.
Further information
WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product.