



SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

Catalogue No. : P 10517
Product Name : PHENYL HYDRAZINE HYDROCHLORIDE

Manufacturer/supplier identification

Company : NICE Chemicals (P) Ltd., Cochin, India
Tel - 0484 2800212, 2802755

Contact for information : Tel. No.- 0484 2802536 Fax : 0484 2802483
Emergency Telephone No. : 0484 2801583 Tele fax No. : 0484 2802483

2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS-No : 828-73-9
Molar Mass : 198.09
Molecular Formula : $C_6H_5F_5N_2$
EC-No. : 212-586-7

3. HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

4. FIRST AID MEASURES

After inhalation : Fresh air. Apply mouth-to-mouth resuscitation or mechanical ventilation if necessary. Summon doctor.
After skin contact : Wash off with plenty of water
Remove contaminated clothing.
After eye contact : Rinse out with plenty of water for at least 10 minutes with the eyelid held wide open. Summon eye specialist.
After swallowing : Make victim drink plenty of water, induce vomiting, summon doctor.
If victim is unconscious: Lateral recumbent position.
If breathing Stops : Mouth-to-mouth resuscitation or mechanical ventilation.
Immediately summon doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Powder, foam, spray water.
Fire extinguisher : Powder for glowing fire, carbon dioxide.
Special risks : Combustible. Development of hazardous combustion gases or vapours possible in the event of fire.
The following may develop in event of fire : hydrogen fluoride, nitrogen oxides.
Special protective equipment for fire fighting : Do not stay in dangerous zone without suitable chemical protection clothing & self-contained breathing apparatus.
Other information : Prevent fire-fighting water from entering surface water or groundwater.



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6. ACCIDENTAL RELEASE MEASURES

Person - related precautionary measures : Avoid generation of dusts; do not inhale dusts. Ensure supply of fresh air in enclosed rooms.

Procedures for cleaning/absorption : Take up dry.
Environmental-protection measures : Do not allow to enter sewerage system.
Procedure for cleaning/absorption : Take up dry. Forward for disposal.
Clean up effected area. Avoid generation of dusts.

7. HANDLING AND STORAGE

Handling - No further requirements.
Storage - At 15° C to +25° C. Tightly closed. No further requirements.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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 substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier

Industrial hygiene : Change contaminated clothing. Application of skin-protective barrier cream recommended. Wash hands after working with substance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Powder, fine crystalline
Colour	:	Brown
Odour	:	-----
pH value	:	Not available
Melting temperature	:	73-76° C
Boiling temperature	:	Not available
Ignition temperature	:	Not available
Flash point	:	Not available
Explosion limits Lower	:	Not available
Upper	:	Not available
Relative vapour density	:	Not available
Density	:	Not available
Solubility in	:	Not available (slow decomposition)

10. STABILITY AND REACTIVITY

Conditions to be avoided : No information available
Substances to be avoided : Oxidizing agent
Hazardous decomposition products : No information available



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11. TOXICOLOGICAL INFORMATION

Acute toxicity : Quantitative data on the toxicity of this product are not available.
Further toxicological information :
After inhalation of dust : mucosal irritations, coughing, dyspnoea.
After skin contact : Irritations.

After eye contact : Irritations.
After swallowing ; Irritations of mucous membranes in the mouth, pharynx,
oesophagus & gastrointestinal tract.
Property that cannot be excluded on the basis of structure-effect considerations :

Risk of methaemoglobin formation with headache, cardiac dysrhythmia, drop in blood pressure, dyspnoea and spasms, principal symptom: cyanosis (blue discoloration of the blood).

Possible symptoms : Nausea, vomiting.
Further data : Further hazardous properties cannot be excluded. The product should be handled with the care usual when dealing with chemicals.

12. ECOLOGICAL INFORMATION

Ecotoxic effects :
Quantitative data on the ecological effect of this product are not available.
Further ecologic data : Do not allow to enter waters, waste water, or soil.

13. DISPOSAL METHOD

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 house-hold waste or recycled.

There are no uniform EC Regulation for the disposal of chemical or residues. Chemical residues generally count as special waste. Approved waste disposal companies which will advise you on how to dispose of special waste.

14. TRANSPORT INFORMATION

GGVS/GGVE class : 6.1	Number and letter : 25 C		
Transport over land	ADR/RID class : 6.1	Number and letter : 25 C	
ADR/RID & GGVS/GGVE	: Name of material : PHENYL HYDRAZINE HYDROCHLORIDE		
Sea Transport IMDG	: IMDG class : 6.1	UN No. : 2811	Packing group : III
	Ems : 6.1-04	MFAG : 4.2	
	Correct Technical Name : PHENYL HYDRAZINE HYDROCHLORIDE		
Air Transport ICAO-TI & IATA-DGR	: ICAO/IATA class : 6.1	UN/ID No. : 2811	
	Packaging group : III		
	Correct Technical Name : PHENYL HYDROZINE HYDROCHLORIDE		



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15. REGULATORY INFORMATION

Labeling according to EC Directives

Symbol : Xi Irritant
R-phrases : 36/37/38 Irritating to eyes, respiratory system fire. Risk
of serious damage to eyes and skin.

S-phrases : -----

Water pollution class : 3 (highly polluting substance) (own classification)

16. OTHER INFORMATION

Reason for alteration :
Change in labeling.

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.