

1. Product and Company Identification

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Product Name

Cleaning Agent HP

Company Details:

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2. Composition / Information on ingredients

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Name of Substance	Cas Number	EC Number	Wt. %	Symbol
Carbohydrazide	207-837-2		5-10%	Xi, Xn
Tetrachloroethylene	127-18-4	204-825-9	5-15%	Xn
Non Classified Surfactant	Proprietary	Mixture	60-70	

3. Hazards Identification

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Odour	Slightly Sweet
Appearance	Clear liquid, soluble in water
Contact with eyes	Causes severe irritation
Contact with skin	In cases of severe exposure, irritation may develop
Inhalation	Irritating to respiratory system (R37)
Ingestion	The ingestion of significant quantities may cause burning sensation

4. First Aid Measures

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Contact with skin	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water. Seek medical attention if irritation persists. Contaminated clothing should be laundered before use.
Contact with eyes	If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes. Obtain immediate medical attention.
Ingestion	Never make an unconscious person vomit or drink fluids. Do not induce vomiting. Give 200-300mls (half point) water to drink. Obtain immediate medical attention.
Inhalation	Remove patient to fresh air. Keep warm and at rest. Seek medical attention if ill effects occur.

5. Fire-fighting Measures

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- Non-combustible liquid
- Smoke from fires is irritating
- In case of fire use extinguishing media appropriate to surrounding conditions
- Prevent run off water from entering drains is possible

6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. Wear suitable personal protective equipment. Respiratory protective equipment.

Environmental Precaution

Do not allow contact with soil, surface or ground water. If the products get into drains, inform the relevant authorities immediately.

Methods and materials for containment and cleaning up

Minor Spill : Drains for storage or use areas should have retention basins for pH adjustments and dilution of spills before discharge or disposal of material. Check regularly for spills and leaks. Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment.

Major Spill : Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear full body protective clothing with breathing apparatus.

7. Handling and Storage

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Advice on safe handling

Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area.

Storage

Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area.

DO NOT use aluminium or galvanised containers. Check regularly for spills and leaks. Lined metal can, lined metal pail/ can. Plastic pail. Polyliner drum.

8. Exposure controls and personal protection

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Exposure Limits

TLV (TWA) 0.5 gm/m³

Exposure controls

No special precautions are required for this product. Wear suitable protective clothing, including eye/face protection and gloves (plastic or rubber are recommended). Wear suitable mask e.g. to BS 2091.

9. Physical and chemical properties

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Appearance	Clear
Physical state	Liquid
Odour	Slight Sweet
Boiling point and boiling range	108°C
Flash Point	72°C
Vapour Pressure	57.26 hPa
pH	Neutral
Water Solubility	Completely soluble
Bulk Density	0.780 kg/m ³

10. Stability and reactivity

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- This article is considered stable under normal conditions, In use, may form flammable/explosive vapour-air mixture (R18), Reaction products may include hydrogen

- Avoid overheating

- Incompatible with oxidising substance

11. Toxicological information

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Toxicological information	LD50 (oral,rat) 2100 mg/kg.
Inhalation	May cause severe irritation May cause shortness of breath.
Contact with skin	May cause irritation.
Contact with eyes	Causes severe irritation.
Ingestion	The ingestion of significant quantities may cause burning sensation .
Carcinogenicity	Hydroquinone: Category 3 Carcinogen Limited evidence of carcinogenic effect (R40)

12. Ecological information

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Ecotoxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R52/53).
Mobility	Completely soluble in water.
Persistence and Biodegradability	Degrades rapidly on exposure to air
Bioaccumulation Potential	Bioaccumulation of the components in this product is insignificant.
Other Adverse Effects	No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.

13. Disposal considerations

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Remarks	Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.
Waste Disposal	The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local

14. Transport information

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- Not classified as hazardous for transport

15. Regulatory information

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Classification and labelling

Risk Phrases

Safety Phrases

Contains surfactant. May produce an allergic reaction

Harmful by inhalation and in contact with skin (R20/21).Irritating to eyes, respiratory system and skin (R36/37/38)

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice (S26).Wear suitable protective clothing, eye/face protection and gloves(S36/ 37/ 39).If swallowed seek medical advice immediately and show this container or label (S46).Avoid release to the environment. Refer to special instructions/Safety data sheets (S61)

16. Other information

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Other Information

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