

Safety Data Sheet



Restore HD

1: Identification of the material and supplier

Names

Product Name: Restore HD
Other Names: Not Applicable
Supplier: Chemform Pty Ltd (ABN: 50 008 905 119)
7 Kirke Street, Balcatta, WA 6021
Phone (08) 9344 2455 Fax: (08) 9344 4360 Email: admin@chemform.com.au
Emergency Telephone: Poisons Information Centre (Australia) 13 11 26
Recommended Use: Heavy Duty Floor Cleaner

2: Hazardous Identification

Statement of Hazardous & Dangerous Nature: Classified as HAZARDOUS according to the criteria of Safe Work Australia and classified as a DANGEROUS GOOD according to Australian Dangerous Goods Code.

Hazard Classification: Xi-Irritant ,
C-Corrosive,
N-Dangerous for the environment.

Risk Phrases: R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R34 Causes burns.
R36/37/38 Irritating to eyes, respiratory system and skin.
R50 Very toxic to aquatic organisms.

Safety Phrases: S1/2 Keep locked up and out of the reach of children.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61 Avoid release to the environment. Refer to special instructions/Material Safety Data Sheets.

3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Ethanolamine	141-43-5	10-30%
Ammonium Hydroxide	1336-21-6	<10%
2-Butoxyethanol	111-76-2	10-<30%
Non Hazardous Ingredients		to 100%

4: First Aid Measures

General:	If poisoning occurs, contact a doctor or Poisons Information Centre (Australia 13 11 26)
Ingestion:	If swallowed, rinse mouth out immediately and give plenty of water to drink. DO NOT induce vomiting. Seek medical attention urgently.
Eyes:	If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical attention
Skin:	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Launder clothing before re-use.
Inhalation:	Remove affected person to fresh air and keep calm. Seek medical attention if symptoms persist.
Advice to Doctor:	Treat symptomatically
First Aid Facilities:	Fresh water, soap, eyewash.
Long Term Effects:	None known.

5: Fire Fighting Measures

General Comment:	May evolve toxic gases when heated to decomposition (carbon oxides, nitrous oxides, ammonia). Ammonia vapours are flammable.
Specific Hazards:	Ammonia vapours are flammable. Keep away from sources of ignition.
Hazchem Code:	2X

6: Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel away. Wear respirator with ammonia cartridge, protective eyewear, gloves, overalls, and chemical resistant safety boots.
Spills and Disposal:	Bulk - Prevent the spill from entering the environment. Contain the spill then absorb with sand or attapulgite. Sweep up and place in suitably labelled containers for disposal. Small spill – wipe up spill and wash area with water.

7: Handling and Storage

Handling:	Minimise direct contact with product.
Storage:	Always replace lid on container after use.
Hygiene Measures:	Always wash hands before eating, drinking, smoking or using the toilet.

8: Exposure Controls – Personal Protection

National Exposure Standards:	Ethanolamine – TWA = 3ppm. STEL = 6ppm Ammonia - TWA = 25ppm. STEL = 35ppm 2-Butoxyethanol TWA = 20ppm STEL = 50ppm
Engineering Controls:	Do not breathe neat product vapours. Use in a well ventilated area.
Personal Protection:	
Eyes:	Safety eyewear
Skin:	Rubber gloves

9: Physical and Chemical Properties

Appearance:	Thin yellow liquid
Odour:	Ammonia
pH (neat):	12-13
Vapour Pressure:	Not available
Vapour Density:	Not available
Boiling Point:	100C (approx)
Melting Point:	Not relevant
Solubility:	Soluble in water
Specific Gravity:	1.0

10: Stability and Reactivity

Chemical Stability:	The product is stable under normal conditions.
Conditions to Avoid:	Heat.
Incompatible Materials:	Incompatible with oxidizing agents and acids.

Hazardous Decomposition

Products:	May evolve toxic gases when heated to decomposition (carbon oxides, nitrous oxides, ammonia).
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11: Toxicological Information

Ingestion (acute):	May result in burns to the mouth and throat, vomiting, abdominal pain, nausea, diarrhea and liver and kidney damage.
Eye (acute):	Strong eye irritant. Will cause pain & burns with possible permanent damage.
Skin (acute):	May result in irritation, skin rash, dermatitis and burns.
Inhalation (acute):	May result in irritation of the nose and throat, coughing, headache and dizziness.
Chronic Effects:	Chronic over exposure may result in kidney and liver damage.

12: Ecological Information

Environmental Protection:	Prevent concentrate from entering waterways or the environment.
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13: Disposal Considerations

Disposal Methods:	Disposal of this product and solutions of the product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities.
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14: Transport Information

UN Number:	3267
UN Proper Shipping Name:	CORROSIVE LIQUID, BASIC, ORGANIC, NOS.
Class:	8
Subsidiary Risk:	Not applicable
Packing Group:	III
Special Precautions For users:	Ensure containers are clearly labeled. Keep containers securely sealed and protected against physical damage.
Hazchem Code:	2X
IERG Number:	36

15: Regulatory Information

Packaging & Labelling: This product is scheduled as an S6 Poison and must therefore be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

16: Other Information

Prepared By: Jason Domenech

Date of Previous Issue: August 2007

Change Made: Full review

References: Australian Dangerous Goods Code
List of Designated Hazardous Substances
National Code of Practice for the Preparation of Material Safety Data Sheets
Standard for the Union Scheduling of Drugs and Poisons

Contact Person/Point: Australia:
24 HOUR EMERGENCY CONTACT
Poisons Information Centre (Australia) 13 1126

LEGAL DISCLAIMER:

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF SAFETY DATA SHEET