



# SAFETY DATA SHEET

## BIG RED HD AMMONIATED FLOOR CLEANER

Infosafe No.: 5GEQJ  
ISSUED Date : 04/01/2021  
ISSUED by: custom

### 1. IDENTIFICATION

**GHS Product Identifier**

BIG RED HD AMMONIATED FLOOR CLEANER

**Product Code**

0010037

**Company Name**

CUSTOM CHEMICALS INTERNATIONAL PTY LTD (ABN 73 050 537 674)

**Address**

103-107 Potassium Street Narangba

QLD AUSTRALIA

**Telephone/Fax Number**

Tel: 07 3204 8300

Fax: 07 3204 8311

**Emergency phone number**

13 1126 in Australia (AH)

**Recommended use of the chemical and restrictions on use**

Water based cleaner

**Other Names**

Name	Product Code
HD FLOOR CLEANER	

### 2. HAZARD IDENTIFICATION

**GHS classification of the substance/mixture**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

Eye Damage/Irritation: Category 1

Skin Corrosion/Irritation: Category 2

**Signal Word (s)**

DANGER

**Hazard Statement (s)**

Causes skin irritation.

Causes serious eye damage.

**Pictogram (s)**

Corrosion



Precautionary statement – Prevention

Wash contaminated skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Precautionary statement – Response**

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Ingredients**

Name	CAS	Proportion
Disodium metasilicate	6834- 92- 0	1- 5 %
Sodium hydroxide	1310- 73- 2	<1 %
Ammonium hydroxide	7664- 41- 7	<0. 5 %
Other ingredients classified as non hazardous at the concentrations used according to the criteria of Safe Work Australia		-

**4. FIRST-AID MEASURES**

**Ingestion**

Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

**Skin**

Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

**Eye contact**

If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes. Seek immediate medical attention.

**First Aid Facilities**

Eyewash, safety shower and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice in an emergency, contact a Poisons Information Centre or a doctor at once. (131 126)

**5. FIRE-FIGHTING MEASURES**

**Hazards from Combustion Products**

Non combustible material.

**Specific Hazards Arising From The Chemical**

This product is non combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

**Precautions in connection with Fire**

Fire fighters should wear full protective clothing and self-contained breathing apparatus (SCBA) operated in positive pressure mode. Fight fire from safe location.

**6. ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures**

Minor spills do not normally need any special clean up measures. In the event of a large spill, prevent spillage from entering watercourses. Wear appropriate protective equipment (as listed in Section 8 of this SDS) to prevent eye and skin contamination.

Spilt material may result in a slip hazard and should be absorbed into dry, inert material to be collected in appropriately labelled containers for disposal by an approved agent according to local regulations.

Residual deposits will remain slippery, wash down with excess water. If required, neutralise with sodium metabisulphite or sodium thiosulphate. If contamination of drains or sewers occurs advise local emergency services.

## 7. HANDLING AND STORAGE

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### Precautions for Safe Handling

Avoid contact with incompatible materials. When handling DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area, out of direct sunlight. Protect from freezin. Store in suitable, labelled containers. Keep containers tightly closed. Store away from incompatible materials. Ensure that storage conditions comply with applicable local and national regulations.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Occupational exposure limit values

No exposure standards have been established for the mixture. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### Respiratory Protection

If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/vapour filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

### Eye Protection

Safety glasses with full face shield should be used. Eye protection devices should conform to relevant regulations.

Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### Hand Protection

Wear gloves of impervious material {UD001}. Final choice of appropriate gloves will vary according to individual circumstances. i.e. methods of handling or according to risk assessments undertaken. Occupational protective gloves should conform to relevant regulations.

Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.

### Body Protection

Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Properties	Description	Properties	Description
Form	Liquid	Odour	pungent ammonia
Melting Point	Not available	Boiling Point	Ca. 100°C
Solubility in Water	Complete	Specific Gravity	1.03-1.06 (25°C)
pH	13.3 - 13.7 (neat)	Volatile Component	ca. 80%
Flammability	Non combustible		

## 10. STABILITY AND REACTIVITY

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### Chemical Stability

Stable under normal conditions of handling and storage.

### Reactivity and Stability

May be incompatible with acids.

### Incompatible materials

Reducing agents, Oxidising agents, Acids.

### Hazardous Decomposition Products

Thermal decomposition may result in the release of toxic and/or irritating fumes, smoke and gases including: oxides of nitrogen, carbon monoxide and carbon dioxide.

### Hazardous Polymerization

Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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### Acute Toxicity - Oral

For Sodium Hydroxide

LD50(rabbit): 500mg/kg

For Disodium metasilicate

LD50(rat); 770 mg/kg

For Ammonia

LD50(rat): 350 mg/kg

### Acute Toxicity - Inhalation

For Ammonia

LC50(rat) 2000 ppm/4h

### Ingestion

Ingestion of this product may cause nausea, vomiting of blood and eroded tissue, chemical burns of the mouth, throat & abdomen, perforation of the gastrointestinal tract. This product contains ethylene glycol mono butyl ether may cause headaches, dizziness, light headedness, confusion and passing out and may damage the liver and kidneys on ingestion.

### Inhalation

Inhalation of mists and aerosols can produce mucous membrane and respiratory irritation. Exposure to high concentrations in liquid form or as a mist may lead to possible harmful, corrosive effects. Symptoms may include severe irritation and burns to the nose, throat and respiratory tract, respiratory irritation and possible, harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema.

### Skin

Irritating to skin. May cause burns or severe irritation. Corrosion will continue until removed. Severity depends on the concentration and duration of exposure. Burns are not immediately painful, onset of pain may be minutes or hours. Skin contact with this product containing ethylene glycol may cause central nervous system effects.

### Eye

Causes eye damage. Eye contact will cause stinging, blurring, tearing, severe pain and possible burns, necrosis, permanent damage and blindness.

### Skin Sensitisation

Prolonged and repeated exposure with undiluted solutions may induce eczematoid dermatitis.

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## 12. ECOLOGICAL INFORMATION

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### Ecological information

No information available for this specific product.

For component Disodium metasilicate

LC50(fish): 3185 mg/L

EC50(daphnia): 4857 mg/L

### Persistence and degradability

Not available

### Mobility

Not available

### Environmental Protection

Prevent this material entering waterways, drains and sewers.

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## 13. DISPOSAL CONSIDERATIONS

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### Disposal considerations

Dispose of waste according to applicable local and national regulations. Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all applicable local and national regulations.

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## 14. TRANSPORT INFORMATION

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### Transport Information

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th

edition)

**U.N. Number**

None Allocated

**UN proper shipping name**

None Allocated

**Transport hazard class(es)**

None Allocated

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## 15. REGULATORY INFORMATION

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**Regulatory information**

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

Classified as a Schedule 6 Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Poisons Schedule**

S5

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of SDS**

SDS reviewed: January 2021, supercedes: October 2016

**References**

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Standard for the Uniform Scheduling of Medicines and Poisons.

Australian Code for the Transport of Dangerous Goods by Road & Rail.

Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals.

Workplace exposure standards for airborne contaminants, Safe work Australia.

American Conference of Industrial Hygienists (ACGIH).

Globally Harmonised System of classification and labelling of chemicals.

**Uses and Restrictions**

Dilute 1 part HD FLOOR CLEANER to 30 parts water. Use double strength for extra dirty jobs. Some scrubbing may be necessary on stubborn marks. Rinse area thoroughly after cleaning.

For light cleaning dilute 1 part HD FLOOR CLEANER with 100 parts water.

**User Information**

HD FLOOR CLEANER is the solution to those problem cleaning jobs where other multipurpose cleaners fail to perform. It will operate in the heaviest of conditions, rapidly penetrating heavy grease, grime, soap scum, oil, carbon deposits, waxes and dirt accumulations. The incorporation of ammonia distinctly raises its efficiency on tough jobs including the removal of sealers and polishes. HD FLOOR CLEANER can be used in steam cleaning, high pressure cleaning, automatic scrubbers and manual cleaning in clubs, hotels, accommodation and kitchen areas, cement floors, tiles, engines, paths and walkways etc.

CAUTION: HD FLOOR CLEANER may prove too strong for certain surfaces such as paint or waxed floors. The product removes paint and wax with ease unless well diluted. Avoid using on aluminium.

**Other Information**

DO NOT MIX WITH OTHER CHEMICALS WITHOUT PRIOR CONSULTATION WITH THE MANUFACTURER. Always use product as directed. Never return any unused material to original drum.

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the writers knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product.

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## END OF SDS

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