



P.O. Box 15018
Hastings, New Zealand

MATERIAL SAFETY DATA SHEET

IN CASE OF SPILL CALL

(06) 879-9438

STAIN OUT – PART ‘B’
(International)

Section I - Product Identification

Trade Name: Stain Out – Part ‘B’ International
Product #: C200-B

Section II – Composition / Information on Ingredients

Chemical Name	Amount	CAS No.
Water	60.0 – 100.0 %	7732-18-5
Sodium Citrate	1.0 – 5.0 %	68-04-2
Ammonia	1.0 – 5.0 %	1336-21-6

(See Section 8 for exposure guidelines) (See Section 15 for regulatory information)

Section III – Hazards Identification

EMERGENCY OVERVIEW: WARNING: May be fatal if inhaled or swallowed. Mist and vapor cause burns to areas of contact.

NFPA Rating: Health: 3 Flammability: 1 Reactivity: 0 Special Hazard: Corrosive

POTENTIAL HEALTH EFFECTS:

Eye: Vapors cause irritation. Splashes may cause eye damage.

Skin: Can cause skin irritation.

Inhalation: Vapors and mists cause irritation to the respiratory tract.

Ingestion: Can burn mouth, throat, and stomach.

Section IV - First Aid Measures

Eye Contact First Aid: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention. Immediate action is critical to minimize possibility of blindness.

Skin Contact First Aid: Flush skin with large amounts of water.

Inhalation First Aid: Remove to fresh air.

Ingestion First Aid: If swallowed, do NOT induce vomiting. Give large quantities of water and get medical attention immediately.

Section V - Fire & Explosion Hazard Data

Flammable Properties: TCC Flash Point: None Autoignition Temperature: None

Flammable Limits in Air: LEL: None UEL: None

Flammable Properties: Product will not burn.

Extinguishing Media: Use water spray to cool fire exposed containers.

Section VI - Accidental Release Measures

Safeguards (Personnel): Ventilate spill area. Protect skin and eyes from exposure.

Initial Containment: Contain spilled material.

Large Spills Procedure: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container.

Section VII - Handling and Storage

Handling (Personnel): Avoid breathing vapor and mist. Avoid contact with skin and eyes.

Storage Precautions: Store in a cool dry place.

Section VIII - Exposure Controls / Personal Protection

Eye / Face Protection Requirements: Wear safety glasses.

Skin Protection Requirements: Wear protective gloves to minimize skin contamination.

Respiratory Protection Requirements: Under normal use conditions, with adequate ventilation, no special handling equipment is required.

Exposure Guidelines: Ammonia

OSHA PEL: 50 ppm

ACGIH STEL: 25 ppm

Section IX - Physical and Chemical Properties

Form: Clear Liquid **Color:** Colorless **Odor:** Ammonia

Solubility in Water: Complete **Specific Gravity:** 1.00 g/ml (Water = 1)

pH: 11.5

Section X – Stability and Reactivity

Stability: Stable.

Polymerization: Hazardous polymerization will not occur.

Decomposition: In the case of a fire, oxides of carbon, and nitrogen may be produced.

Section XI – Toxicological Information

Ammonia: Test Code: Inhalation LC50 Species: Rat Results: 2000 ppm 4 HR
Test Code: Oral LD50 Species: Rat Results: 350 mg/kg

Section XII – Ecological Information

Ammonia: Test Code: EC50 Species: Daphnia Results: <1 mg/l 48 HR

Section XIII – Disposal Considerations

Waste Disposal: Neutralize with weak acid (e.g. vinegar) before disposal to sewer.

Section XIV – Transportation Information

Product Label: Stain Out – Part B (International)

MOT Shipping Name: Corrosive Liquid, basic, inorganic, N.O.S. (ammonia)

MOT Hazard Class: 8

UN Number: UN 3266

M.O.T. Label: Corrosive

Package Class: II

Miscellaneous: MOT Shipping Exception: 49 CFR 173.154 (b) – when packaged with inner packagings not over 1.0 liters, this product is excepted from labelling requirements and specification packaging unless offered for transportation or transported by aircraft.

IATA Shipping Classification: Same as M.O.T.

IMO/IMDG Shipping Classification: Same as MOT with the following changes:

Code Page Number: 8147-1

EmS Number: 8 – 15

MFAG Table No.: 760

Section XV – Regulatory Information

01=SARA Title III, Section 302

02=SARA Title III Section 313

03=RCRA Hazardous Waste Codes

04=CERCLA Hazardous Substances

05=Clean Air Act

06=California Prop. 65

EEC Symbols and Indications of Danger: Corrosive (C)



R-Phrases: R34 – Causes burns

S-Phrases: S24/25 – Avoid contact with skin and eyes.

WHMIS Hazard Symbols: Class E – Corrosive Material

Canadian Disclosure List: AMMONIA (1336-21-6)

CERCLA Hazardous Substances: AMMONIA (1336-21-6) - - RQ 1000 lb

Miscellaneous Information:

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic Substance Control Act (TSCA).

Other Information:

Prepared by: Edward Durrant

Approved by: Dale Jensen

Title: Product Development Manager

Approval Date: October 31, 2001

Supersedes Date: November 30, 2000

RTN #: 00000074 (Official Copy)

The information set forth herein has been gathered from standard reference materials and/or test data and is to the best of the knowledge and belief of Chem-Dry New Zealand Ltd. accurate and reliable. Such information is offered solely for your consideration, investigation and verification, and is not suggested or guaranteed that the hazard precautions or procedures mentioned are the only ones that exist. Chem-Dry New Zealand Ltd. makes no warranties, expressed or implied, with respect to the use of such information or the use of the specific material identified herein in combination with any other material or process, and assumes no responsibility therefore.

N/A = Not Applicable N/E = Not Established N/D = No Data