

SAFETY DATA SHEET

Stain Out - Part B

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Stain Out - Part B
Product Number: C187-B
CAS Number: Blend

Company Identification

Farris Research, Inc.
1530 North 1000 West
Logan, UT 84321 USA
1-435-755-0099 (For product information)
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

DANGER: Corrosive. Harmful if swallowed. Causes skin and eye burns.

GHS Hazard Symbols:
Corrosive



GHS Hazard Statements:

H302 - Harmful if swallowed.
H314 - Causes severe skin burns and eye damage.
H318 - Causes serious eye damage.
H319 - Causes serious eye irritation.
H332 - Harmful if inhaled.
H335 - May cause respiratory irritation.

GHS Precautionary Statements:

P264 - Wash hands, forearms, and exposed areas thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301/P330/P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304/P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305/P351/P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER or doctor/physician.
P403 - Store locked up.
P501 - Dispose of contents/container to comply with local, regional, national, and international regulations.



EYE:
Corrosive. May cause severe burns, and possible blindness

SKIN:
Can be corrosive to skin.

INHALATION:
May cause irritation of the respiratory passages.

INGESTION:
May cause burns to mouth, throat, and stomach.

CARCINOGENICITY INFORMATION:
Not listed by IARC and NTP as a carcinogen.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT LISTING:

SODIUM HYDROXIDE	1.0 - 5.0 %	1310-78-2
WATER	95.0 - 99.0 %	7732-18-5
AMMONIUM HYDROXIDE	1.0 - 5.0 %	1336-21-6

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

SKIN CONTACT FIRST AID:

Immediately flush skin with plenty of water.

INHALATION FIRST AID:

If a person notices any ill effects from breathing vapors, remove from area. Get medical attention.

INGESTION FIRST AID:

If swallowed, do NOT induce vomiting. Rinse mouth lips and swallow large amounts of water.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TC Flash Point: None
Autoignition Temperature: None

FLAMMABLE LIMITS IN AIR

LEL: None
UEL: None

FLAMMABLE PROPERTIES:

Non-combustible.

COMBUSTION PRODUCTS:

When ammonia solutions are heated, ammonia gas is evolved. This gas is dangerously irritating.



6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Avoid breathing vapor. Wear safety goggles.

INITIAL CONTAINMENT:

Absorb spills with inert material.

SMALL SPILLS PROCEDURE:

Absorb spills with inert material. Neutralize with dilute acid (e.g., vinegar). The neutralized product must be diluted with water before discharge.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

Avoid contact with skin and eyes. Avoid breathing vapor.

8. 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:

Sodium hydroxide
OSHA PEL: 2 mg/m³
OSHA STEL: 2 mg/m³
OSHA Ceiling Limit: 2 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Liquid
COLOR: Colorless
ODOR: Ammonia
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.35 (Water = 1)
PH: 12.5 - 13.5
% VOLATILES: >90 %

10. STABILITY AND REACTIVITY

STABILITY:
Stable.

INCOMPATIBILITY WITH OTHER MATERIALS:

Strong acids. Solutions containing chlorine bleach.



11. TOXICOLOGICAL INFORMATION

Sodium hydroxide

Test Code: Skin Irritation
Species: Rabbit
Results: 500 mg/24H Severe

Test Code: Eye Irritation
Species: Rabbit
Results: 50 ug/24H Severe

Ammonium hydroxide

Test Code: Oral LD50
Species: Rat
Results: 350 mg/kg

12. ECOLOGICAL INFORMATION

Ammonium hydroxide

Test Code: EC50
Species: Daphnia magna
Results: <1 mg/L 48-hour

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

Neutralize with dilute acid (e.g., vinegar) before disposal.

14. TRANSPORT INFORMATION

PRODUCT LABEL: Stain Out - Part B
D.O.T. SHIPPING NAME: Consumer commodity
D.O.T. HAZARD CLASS: ORM-D
UN NUMBER: UN 3256
D.O.T. LABEL: Corrosive
PACKAGE CLASS: II

MISCELLANEOUS:

See 49 CFR 173.154 (c).

IATA Shipping Classification:

Corrosive liquid, basic, inorganic, n.o.s. (sodium hydroxide, ammonia), 8, UN3256, II.

IMC/IMDG Shipping Classification:

CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (SODIUM HYDROXIDE, AMMONIA), 9, UN3266, II.

Limited quantity exception for inner packaging not exceeding 1 G L of product.

15. REGULATORY INFORMATION



REGULATORY LISTS SEARCHED:

01 = SARA Title III SECTION 302
03 = RCRA HAZARDOUS WASTE CODES
05 = CLEAN AIR ACT
07 = FLORIDA RIGHT-TO-KNOW
09 = PENNSYLVANIA RIGHT-TO-KNOW

02 = SARA Title III Section 313
04 = CERCLA Hazardous Substances
06 = California Prop. 65
08 = Massachusetts Right-to-Know

EEC Symbols and Indications of Danger:
Corrosive (C)



R-Phrases:

R35 - Causes severe burns.
R37 - Irritating to respiratory system.
R20 - Harmful by inhalation.
R22 - Harmful if swallowed.
R34 - Causes burns.
R35 - Causes severe burns.
R36/38 - Irritating to eyes and skin.
R41 - Risk of serious damage to eyes.

S-Phrases:

S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S23.1 - Do not breathe gas/fumes/vapor.
S36/37/39 - Wear suitable protective clothing, gloves, and eye/face protection.

WHMIS Hazard Symbols:

Class E - Corrosive Material



Canadian Disclosure List

Sodium hydroxide (1310-73-2)
Ammonium hydroxide (1336-21-6)

CERCLA Hazardous Substances

Sodium hydroxide (1310-73-2) -- RQ 1000 lb
Ammonium hydroxide (1336-21-6) -- RQ 1000 lb

SC Toxic Air Pollutants List

Sodium hydroxide (1310-73-2)

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).

Sodium hydroxide and ammonia can be found on the following state right-to-know lists: FL, MA, and PA.



16. OTHER INFORMATION

PREPARED BY: Adnan Manassra
APPROVED BY: Sterling Nesbit
TITLE: Chemist
APPROVAL DATE: May 31, 2015
SUPERSEDES DATE: May 30, 2015
RTN NUMBER: 0000022 (Official Copy)

NFPA Rating:

Health: 2
Flammability: 0
Reactivity: 0
Special hazard: Corrosive

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