

1. Identification

Product identifier Foamdry 2x Encapsulating Low Moisture Cleaner

Other means of identification

Product code B02

Recommended use Shampoo for Carpet Care.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Scot Laboratories
16841 Park Circle Dr.
Chagrin Falls, OH 44023
US

Telephone 440-543-3033

Emergency 24 Hour Emergency: 800-535-5053

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Serious eye damage/eye irritation Category 2A

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3

OSHA defined hazards Not classified.

Label elements



Signal word Warning

Hazard statement Causes serious eye irritation. Harmful to aquatic life.

Precautionary statement

Prevention Wash thoroughly after handling. Avoid release to the environment. Wear eye protection/face protection.

Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage Store away from incompatible materials.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Ammonium Lauryl Sulfate	68081-96-9	5 - < 10
Alcohols, C10-16	67762-41-8	< 1
Ammonium hydroxide	1336-21-6	< 1

Composition comments

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation

If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Skin contact

Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.

Ingestion

Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Get medical attention if any discomfort continues.

Most important symptoms/effects, acute and delayed

Exposed individuals may experience eye tearing, redness, and discomfort.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

General information

In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. Fire-fighting measures

Suitable extinguishing media

Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions

Move container from fire area if it can be done without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For industrial use, wear appropriate personal protective equipment (See Section 8).

Methods and materials for containment and cleaning up

Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste for proper disposal.

Large Spills: Dike for later disposal. Flush area with water. Prevent runoff from entering drains, sewers, or streams.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid contact with skin and eyes.

Keep from freezing. If frozen, allow to thaw to room temperature. Mix before using.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store in upright position. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Ammonium hydroxide (CAS 1336-21-6)	STEL	35 ppm
	TWA	25 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ammonium hydroxide (CAS 1336-21-6)	STEL	27 mg/m3
	TWA	35 ppm
		18 mg/m3
		25 ppm
Biological limit values	No biological exposure limits noted for the ingredient(s).	
Exposure guidelines	No exposure standards allocated.	
Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields (or goggles).	
Skin protection		
Hand protection	Wear appropriate chemical resistant gloves.	
Skin protection		
Other	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.	
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.	
Thermal hazards	Not applicable.	
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.	

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Clear liquid.
Color	Light yellow.
Odor	Lavender-citrus.
Odor threshold	Not available.
pH	8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	Not available.
Evaporation rate	< 1 (Butyl acetate = 1)
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Heavier than air.
Relative density	1.03
Solubility(ies)	
Solubility (water)	Complete.
Partition coefficient (n-octanol/water)	No data available.

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials. Keep from freezing.
Incompatible materials	Strong oxidizing agents. Do not mix with other chemicals or household cleaners.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated contact may dry skin and cause irritation.
Eye contact	Causes serious eye irritation.
Ingestion	No harmful effects expected in amounts likely to be ingested by accident.

Symptoms related to the physical, chemical and toxicological characteristics
Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects

Acute toxicity	Expected to be a low hazard for usual industrial or commercial handling by trained personnel.
Skin corrosion/irritation	Prolonged or repeated skin contact may cause irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization	No data available.
Skin sensitization	Not a skin sensitizer.

Germ cell mutagenicity
No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity
This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Not classified.

12. Ecological information

Ecotoxicity	Harmful to aquatic life.
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Components	Species		Test Results
Ammonium hydroxide (CAS 1336-21-6)			
Aquatic			
Crustacea	LC50	Daphnia magna	0.66 mg/l, 48 hours
Persistence and degradability	No data available.		
Bioaccumulative potential	No data available.		
Mobility in soil	No data available.		
Other adverse effects	None known.		
13. Disposal considerations			
Disposal instructions	Dispose of contents/container in accordance with all local, State and Federal regulations.		
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company and/or appropriate testing.		
Waste from residues / unused products	Dispose of in accordance with local regulations.		
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.		
14. Transport information			
DOT			
Not regulated as dangerous goods.			
IATA			
Not regulated as dangerous goods.			
IMDG			
Not regulated as dangerous goods.			
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This substance/mixture is not intended to be transported in bulk.		
15. Regulatory information			
US federal regulations	This product is hazardous according to OSHA 29 CFR 1910.1200.		
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)			
Not regulated.			
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)			
Not regulated.			
CERCLA Hazardous Substance List (40 CFR 302.4)			
Ammonium hydroxide (CAS 1336-21-6)	LISTED		
Superfund Amendments and Reauthorization Act of 1986 (SARA)			
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No		
SARA 302 Extremely hazardous substance			
Not listed.			
SARA 311/312 Hazardous chemical	Yes		
SARA 313 (TRI reporting)	Not regulated.		
Other federal regulations			
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List			
Not regulated.			
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)			
Not regulated.			
Safe Drinking Water Act (SDWA)	Not regulated.		

US state regulations

US. Massachusetts RTK - Substance List

Ammonium hydroxide (CAS 1336-21-6)

US. New Jersey Worker and Community Right-to-Know Act

Ammonium hydroxide (CAS 1336-21-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Ammonium hydroxide (CAS 1336-21-6)

US. Rhode Island RTK

Ammonium hydroxide (CAS 1336-21-6)

US. California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Methylene chloride (CAS 75-09-2)

Propene, 1,3-dichloro- (CAS 542-75-6)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 07-September-2015

Revision date 05-January-2016

Version # 02

NFPA ratings



References

HSDB® - Hazardous Substances Data Bank
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

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