



CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS - SPECIALITY PRODUCTS

MATERIAL SAFETY DATA SHEET

Product Code(s) MSDS-161

Revision Date 21-Nov-2012

Page 1 / 8

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Kaboom No-Drip Foam Mold & Mildew Stain Remover w Bleach
Product Code(s) MSDS-161

Recommended Use Cleaning agent.
Product Type Mixture
Synonyms Cleaner

Manufactured by Church & Dwight Co., Inc.
469 N. Harrison Street
Princeton, NJ 08543

Emergency Telephone Number 1-800-424-9300
Poison Information Center Telephone Number 1-888-234-1828
Telephone inquiry 1-800-524-1328

For further information, please also consult our Internet site www.churchdwight.com

2. HAZARDS IDENTIFICATION

Appearance Clear, Pale Amber **Physical State** Liquid **Odor** As described on product label

Eye irritant. May cause burning and redness. May cause skin irritation. Can react with alkaline materials or metals. Can emit toxic fumes if mixed with products containing chlorine or other sanitizing ingredients. Not a fire hazard.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). However, the use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. Therefore, the requirements of the Occupational Safety and Health Administration applicable to this MSDS differ from the labeling requirements of the CPSC, and this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

HMIS **Health Hazard** 1 **Flammability** 0 **Reactivity** 0

Potential Health Effects

Acute Toxicity

Eyes
Skin

Potential for severe irritation if not treated immediately.
Varying severities of irritation are possible from prolonged, repeated, or occluded exposure to skin..

Inhalation
Ingestion

Irritating to respiratory system. Irritating to mucous membranes.
Ingested amounts may cause burning and pain in the mouth and throat with redness and swelling of mucous membranes..

Chronic Effects

None known.

Aggravated Medical Conditions

None known

Environmental Hazard

See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Sodium hypochlorite	7681-52-9	25-35
Sodium hydroxide	1310-73-2	0.1-0.7

4. FIRST AID MEASURES

Eye Contact	Immediately flush eyes with large amounts of clean, flowing water for at least 15 minutes, occasionally lifting upper and lower eyelids.. If irritation persists, call a physician.
Inhalation	Move to fresh air. If breathing is difficult, have a trained person give oxygen. If not breathing, have a trained person give artificial respiration. Get medical attention if person has difficulty breathing.
Skin Contact	Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
Ingestion	Do not induce vomiting without medical advice. Clean mouth with water and afterwards drink plenty of water. Get medical attention.
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable
Flash Point	Not flammable.
Flammability Limits in Air	No information available
Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
Hazardous Combustion Products	Carbon oxides
Explosion Data	
Sensitivity to Mechanical Impact	Not sensitive
Sensitivity to Static Discharge	Not sensitive

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

NFPA **Health Hazard 1** **Flammability 0** **Stability 0** **Physical and Chemical Hazards -**

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear proper protective equipment (see Section 8) to prevent exposure to the spilled material. Close off area.
Methods for Containment	Close off area of spill to traffic and use caution during cleanup. Prevent further leakage or spillage if safe to do so.

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal. Make sure area is slip-free before re-opening to traffic.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice

Storage Keep containers tightly closed in a dry, cool and well-ventilated place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection

No special protective equipment required

Skin and Body Protection

No special protective equipment required

Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Pale Amber	Odor	As described on product label
Odor Threshold	No information available	Physical State	Liquid
pH	12.5	Autoignition Temperature	No information available
Flash Point	Not flammable.	Boiling Point/Range	No information available
Decomposition Temperature	No information available	Explosion Limits	No information available
Melting Point/Range	No information available	Solubility	Completely soluble
Flammability Limits in Air	No information available	Vapor Density	No data available
Specific Gravity	1.03		
Vapor Pressure	No data available		
VOC Content	Not applicable		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions

Incompatible Products	Acids. Ammonia.
Conditions to Avoid	Do not mix with acids or ammonia as toxic fumes may be released.
Hazardous Decomposition Products	Chlorine. Oxides of sodium. Oxides of nitrogen.
Hazardous Reactions	Contact with acids liberates very toxic gas.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information	Product does not present an acute toxicity hazard based on known information Potential for moderate to severe irritation based on components and pH.
Product Safety Profile	Product is safe for its intended use based on the formulation, testing results, and the long history of safe consumer use.
Irritation	May cause eye/skin irritation (based on pH).

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium hypochlorite	8200 mg/kg (Rat)	10000 mg/kg (Rabbit)	
Sodium hydroxide		1350 mg/kg (Rabbit)	

Chronic Toxicity

Chronic Toxicity	None known.
Target Organ Effects	Skin, Eyes.

12. ECOLOGICAL INFORMATION

Ecotoxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Sodium hypochlorite		LC50 0.22 - 0.62 mg/L Pimephales promelas 96 h LC50= 5.9 mg/L Pimephales promelas 96 h		EC50 = 2.1 mg/L 96 h
Sodium hydroxide		LC50= 45.4 mg/L Oncorhynchus mykiss 96 h		

Persistence and Degradability	Product is biodegradable
Bioaccumulation/Accumulation	Not likely to bioaccumulate

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method	US EPA waste number: D002, Corrosive.
------------------------------	---------------------------------------

Product Name: Kaboom No-Drip
Foam Mold & Mildew Stain Remover w
Bleach

Revision Date 21-Nov-2012

Page 5 / 8

Contaminated Packaging

Dispose of in accordance with local regulations

Chemical Name	California Hazardous Waste Status
Sodium hypochlorite	Ignitable Reactive
Sodium hydroxide	Corrosive Toxic Corrosive

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name Consumer Commodity
Hazard Class Corrosive liquid, basic, inorganic, n.o.s.(Sodium Hydroxide, Sodium Hypochlorite)
UN-No 8
UN3266
Packing Group III

TDG
Proper Shipping Name TDG
Hazard Class Corrosive liquid, basic, inorganic, n.o.s.(Sodium Hydroxide, Sodium Hypochlorite)
UN-No 8
UN3266
Packing Group III

ICAO
UN-No ICAO
UN3266
Hazard Class 8
Packing Group III

IATA
UN-No IATA
UN3266
Proper Shipping Name Corrosive liquid, basic, inorganic, n.o.s.(Sodium Hydroxide, Sodium Hypochlorite)
Hazard Class 8
Packing Group III
ERG Code 8L
Max Qty for Passenger 5 L
Max Qty for Cargo 60 L
LQ 1 L

IMDG/IMO
Proper Shipping Name IMDG/IMO
Hazard Class Corrosive liquid, basic, inorganic, n.o.s.(Sodium Hydroxide, Sodium Hypochlorite)
Subsidiary Class 8
+
UN-No UN3266
Packing Group III
EmS No. F-A, S-B

RID
Proper Shipping Name RID
Hazard Class Corrosive liquid, basic, inorganic, n.o.s.(Sodium Hydroxide, Sodium Hypochlorite)
UN-No 8
UN3266
Packing Group III
Classification Code C5

ADR
Proper Shipping Name ADR
Hazard Class Corrosive liquid, basic, inorganic, n.o.s.(Sodium Hydroxide, Sodium Hypochlorite)
UN-No 8
UN3266
Packing Group III
Classification Code C5

ADN
Proper Shipping Name ADN
Hazard Class Corrosive liquid, basic, inorganic, n.o.s.(Sodium Hydroxide, Sodium Hypochlorite)
UN-No 8
UN3266

Packing Group III
Classification Code C5
Special Provisions 274
Hazard Labels 8
Limited Quantity LQ7

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL	EIN/ELN	ENCS	IECSC	KECL	PICCS	AICS
Sodium hypochlorite	Present	X	X	1-237	X	KE-31506	X	-
Sodium hydroxide	Present	X	X	1-410; 2-1972	X	KE-31487	X	X

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard No
Chronic Health Hazard No
Sudden Release of Pressure Hazard No
Fire Hazard No
Reactive Hazard No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hypochlorite	100 lb			X
Sodium hydroxide	1000 lb			X

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Sodium hypochlorite	100 lb	
Sodium hydroxide	1000 lb	

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Sodium hypochlorite	X	X	X		
Sodium hydroxide	X	X	X		X

International Regulations

Mexico - Grade No information available.

Chemical Name	Carcinogen Status	Exposure Limits
Sodium hydroxide		Mexico: Ceiling= 2 mg/m ³

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

Not determined

16. OTHER INFORMATION

Prepared By Church & Dwight Co. Inc.
Product Stewardship
469 North Harrison Street
Princeton, New Jersey 08543
609.279.7705

Revision Date 21-Nov-2012

Reason for Revision No information available

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS