



Material Safety Data Sheet

N/A=Not Applicable

(Prepared According To 29 CFR 1910, 1200)

Effective Date: 1/1/08

Product Identification

Product Name: Knock Out - Solution A
Generic Name: Spotter
Supplier's Name: HydraMaster
Supplier's Address: 11015 47th Avenue West, Mukilteo, WA 98275

Chemical Family: Stain Remover
Formula: Mixture
Phone Number: (425) 775-7272
Emergency: (800) 424-9300

NPCA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	1
Maximum Personal Protection	A

Ingredients

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Hydrogen Peroxide	7722-84-1	8		1.4 MG/M3		No
2-Propanol, 1-Methoxyethanol	107-98-2	2	100 PPM Skin	100 PPM Skin		No

Physical Data

Boiling Range: 212° F
Vapor Pressure: Heavier than air
%Volatile:
Solubility in Water: Miscible
Physical Description: Liquid, non-viscous, faint sweet odor

Specific Gravity: 1.03
Vapor Density: Not determined
pH: 3.0
Evaporation Rate: Slower than ether

Reactivity Data

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): Strong oxidizing agents
Hazardous Decomposition Products: May liberate carbon monoxide and carbon dioxide. Unidentified organic compounds may be formed during combustion.
SPECIAL NOTE: Do not store the mixture of solutions "A" & "B" in unvented container. Avoid excessive heat.

Fire and Explosion Hazard Data

Concentrate Flash Point (Method): N/A
Propellant Flash Point (Method): N/A
Flash Point (Method): None (COC)

Explosive Limits
Upper: 10.9
Lower: 1.5

Extinguishing Media: Foam, CO2, Dry Chemical, Water Fog
Special Fire Fighting Procedures: Fire Fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.
Unusual Fire and Explosion Hazards: None

Storage and Handling Information

Precautions to be Taken in Handling and Storage: Store in a dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use. Store at temperatures above the solutions freezing point to remain liquid. Do not use pressure to empty container.
Other Precautions: Empty containers usually still hold residues of material and vapors. These must be considered hazardous and disposed of in accordance with proper handling procedures prescribed for hazardous chemicals. When mixing with water, always add this product to water and stir.

Health Hazards and First Aid

Effect of Overexposure:

Primary Route of Entry:

Skin: No irritation is likely after brief contact but may be irritating after prolonged exposure. Redness, drying of skin, or other signs of irritation or contact dermatitis. May result in primary irritant dermatitis.

Eyes: Liquid and mists will irritate and burn the eyes.

Inhalation: High concentrations may cause headaches and nausea.

Ingestion: May cause headaches, nausea, vomiting, and diarrhea. Swallowing large amounts may cause liver damage (fat liver).

Medical conditions generally aggravated by exposure:

Persons with pre-existing dermatitis may be more susceptible to the effects of this material.

First Aid Procedures

Skin: Immediately flush skin with running water for 15 minutes. Remove contaminated clothing.

Eyes: Flush immediately with large amounts of water for 15 minutes with lids open.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing.

Ingestion: If conscious, drink 2 glasses of water. Consult a physician or poison control center immediately. Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.

Special Protection Information

Respiratory Protection: In the absence of adequate ventilation, an approved respirator may be required.

Protective Gloves: Wear resistant gloves such as polyethylene or rubber.

Other Protective Equipment: Where gross eye and skin contact may occur, use and wear appropriate clothing, rubber boots with pants on the outside, and rubber gloves.

Ventilation: Provide adequate ventilation in all working areas at all times. In general, health problems could result from repeated and prolonged exposure to chemical vapors.

Eye Protection: Chemical splash goggles should be worn during application of this product.

Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled:

For small spills, dilute with water, mop or wipe up and contain. For large spills, contain by diking with absorbent material. Keep material out of sewers, storm drains, surface waters, and soil.

Waste Disposal Method:

Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Dispose of contaminated product and materials used in clean up in a manner approved for this material and the contaminant. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.



Material Safety Data Sheet

N/A=Not Applicable

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Effective Date: 1/1/08

Product Identification

Product Name: Knock Out - Solution B
Generic Name: Spotter
Supplier's Name: HydraMaster
Supplier's Address: 11015 47th Avenue West, Mukilteo, WA 98275

Chemical Family: Stain Remover
Formula: Mixture
Phone Number: (425) 775-7272
Emergency: (800) 424-9300

NPCA Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Maximum Personal Protection	A

Ingredients

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
Ammonium Hydroxide	1336-21-6	1	50			

Physical Data

Boiling Range: 212° F
Vapor Pressure: Not determined
%Volatile:
Solubility in Water: Complete
Physical Description: Liquid, non-viscous, faint sweet odor.

Specific Gravity: 1.0
Vapor Density: Heavier than air
pH: 12.0-13.0
Evaporation Rate: Slower than ether

Reactivity Data

Stability: Stable
Hazardous Polymerization: Will not occur
Incompatibility (Materials to Avoid): Acids, strong oxidizers, many organic chemicals, and organic acids.
Hazardous Decomposition Products: None
SPECIAL NOTE: Do not store the mixture of solutions "A" & "B" in unvented container.

Fire and Explosion Hazard Data

Concentrate Flash Point (Method): N/A
Propellant Flash Point (Method): N/A
Flash Point (Method): None (COC)

Explosive Limits
Upper: 25
Lower: 16

Extinguishing Media: Foam, CO2, Dry Chemical, Water Fog
Special Fire Fighting Procedures: Fire Fighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool nearby containers and structures exposed to fire.

Unusual Fire and Explosion Hazards: None

Storage and Handling Information

Precautions to be Taken in Handling and Storage: Store in a dry, well ventilated place away from incompatible materials. Keep container tightly closed when not in use. Store at temperatures above the solutions freezing point to remain liquid. Do not use pressure to empty container.
Other Precautions: Empty containers usually still hold residues of material and vapors. These must be considered hazardous and disposed of in accordance with proper handling procedures prescribed for hazardous chemicals. When mixing with water, always add this product to water and stir.

Health Hazards and First Aid

Effect of Overexposure:

Primary Route of Entry:

Skin: Vapors, liquid, and mists are corrosive to the skin. Brief exposure may irritate skin. Prolonged exposure may burn skin. Redness, drying of skin, or other signs of irritation or contact dermatitis. May result in primary irritant dermatitis.

Eyes: Vapors, liquid, and mists are corrosive to the eyes. Liquid and mists may damage eyes, causing corneal injury.

Inhalation: Vapors and mists can be harmful to the nose, throat, and mucous membranes.

Ingestion: Vapors, mists, and liquid are irritating to the mouth and throat. Swallowing the liquid burns the tissues, and may cause severe abdominal pain, nausea, and vomiting.

Medical conditions generally aggravated by exposure:

Persons with pre-existing dermatitis may be more susceptible to the effects of this material.

First Aid Procedures

Skin: Immediately flush skin with running water for 15 minutes. Remove contaminated clothing.

Eyes: Flush immediately with large amounts of water for 15 minutes with lids open. GET MEDICAL ATTENTION.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing.

Ingestion: If conscious, drink 1-8 glasses of water to dilute. DO NOT INDUCE VOMITING. Consult a physician or poison control center immediately. Treat symptomatically. Do not give anything by mouth to an unconscious or convulsing person.

Special Protection Information

Respiratory Protection: In the absence of adequate ventilation, an approved respirator may be required.

Protective Gloves: Wear resistant gloves such as polyethylene or rubber.

Other Protective Equipment: Where gross eye and skin contact may occur, use and wear appropriate clothing, rubber boots with pants on the outside, and rubber gloves.

Ventilation: Provide adequate ventilation in all working areas at all times. In general, health problems could result from repeated and prolonged exposure to chemical vapors.

Eye Protection: Chemical splash goggles should be worn during application of this product.

Spill or Leak Procedures

Steps to be Taken in Case Material is Released or Spilled:

For small spills, dilute with water, mop or wipe up and contain. For large spills, contain by diking with absorbent material and carefully neutralize with a mild acid. Keep material out of sewers, storm drains, surface waters, and soil.

Waste Disposal Method:

Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Dispose of contaminated product and materials used in clean up in a manner approved for this material and the contaminant. Consult appropriate Federal, State and Local regulatory agencies to ascertain proper disposal procedures and comply with them.