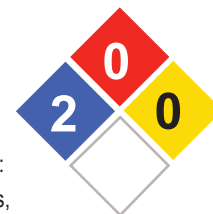


HYDROFORCE Safety Data Sheet (MSDS)

Deep cleaner for waxed floors (liquid concentrate) Revised: 04/08/11
Proper shipping name: Non regulated



SECTION 1 SOURCE INFORMATION

Manufactured by: US Formula Technology
1000 McFarland 400 Blvd, Alpharetta, GA 30004 USA
Phone: 770/ 813-0008 or 800/ 728-7972 Fax: 770/ 813-0470
24 Hour Chemical Emergency Phone: Toll Free: 1-800/535-5053
or Collect 1-352/ 323-3500

SECTION 2 INGREDIENTS

MATERIAL	%	PEL	TLV	CAS No.
sodium metasilicate*	>1	2mg/m ³	2mg/m ³	6834-92-0
nonionic surfactant	>1	N/E	N/E	68987-81-5
coco imidazoline dicarboxylate	>1	N/E	N/E	68298-20-4
water	>1	N/E	N/E	7732-18-5

Note: This product is FREE of AP ethoxylates which degrade poorly in the environment

* SARA Title III applies (USA) (N/E = None Established)

SECTION 3 PHYSICAL DATA

Appearance and odor:	emerald green liquid, light citrus odor
Boiling point, degrees F:	212
Vapor density:	Heavier than air
Solubility in water:	Infinite
% volatile by weight:	> 90%
Specific gravity (water=1):	< 1
pH:	> 12
Evaporation rate (water=1):	1.0

SECTION 4 FIRE AND EXPLOSION DATA

Flash point:	N/A
Flammable limits:	N/A
Extinguishing media:	Water fog, alcohol foam or
Special fire fight procedures:	Dry chemical
Unusual fire/explosion hazards:	Keep containers cool

SECTION 5 REACTIVITY DATA

Stability:	stable
Conditions to avoid:	heat, strong acids
Incompatibility:	may etch glass, porcelain, soft metals
Hazardous decomposition:	by-products undetermined
Hazardous polymerization:	Will not occur

SECTION 6 HEALTH HAZARD DATA

Health hazards:	Strong irritant. Chronic exposure may defat the skin.
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Carcinogenicity:	none. No carcinogenic ingredients
Medical conditions aggravated:	None known

ROUTES OF ENTRY	SIGNS OF EXPOSURE:
Eyes:	redness, strong irritation
Skin:	slippery, strong irritation
Inhalation:	coughing, irritation
Ingestion:	strong irritation

SECTION 6 (continued) EMERGENCY FIRST AID:

Eyes:	Flush with clean water for 15 minutes, lifting lids and removing contact lenses. See physician immediately.
Skin:	Immediately flush with water for 15 minutes, see physician if irritation develops. Citrus juices or vinegar will neutralize residues
Inhalation:	Remove to fresh air.
Ingestion:	Drink several cups water, citrus juice, milk DO NOT induce vomiting (aspiration hazard) See physician immediately with this data.

SECTION 7 PRECAUTIONS FOR SAFE HANDLING AND USE

Spill response:

Waste disposal:

Dispose of in accordance with Federal, State and Local law. Designed for disposal down sanitary drains. May be neutralized with vinegar, or absorbed into vermiculite for disposal in sanitary landfill as applicable laws permit. May be incinerated. Hazardous to aquatic life. Do not discharge outside or permit to escape directly into creeks or other natural waterways.

SECTION 8 CONTROL MEASURES / PERSONAL PROTECTION

Eye protection:	Splash goggles for corrosive liquids
Ventilation:	Recommend air movement to dissipate vapors
Respiratory protection:	No standard exists for this blend. Exposure limits for components disclosed in Section 1
Skin protection:	Skin protection essential. Wear butyl rubber or neoprene gloves. Rubber boots may be required if floor work is expected. Rubber apron may be required if some splashing is expected. Never allow contact with skin or containment against skin. Remove contaminated clothing, wash and rinse thoroughly before reuse. Discard exposed shoes.
Storage and handling:	

Keep out of reach of children. Keep away from pets. Keep in original container. Never use food or beverage containers to measure or transport this product. Empty containers contain residues and should not be used for food or beverage. Do not eat or drink around exposed chemicals. Rinse out container before disposal. Do not use plunger once this product has been used in a drain (splashing hazard). Verify that personal protective equipment is in good condition, gloves do not leak, etc. Do not store in direct sunlight. Store at 40-95 degrees F. Protect product quality by keeping containers tightly closed when not in use.

Disclaimer

Manufacturer cannot anticipate all conditions of use, or performance in all environments. Manufacturer will not accept responsibility for abuse or misuse of the product. The preceding information is believed to be accurate but is not warranted to be so. In case of a chemical emergency call 1-800/ 535-5053 day or night. If 800 service is not available call collect in the USA: 1-352/ 323-3500. To receive the most current safety data call 770/ 813-0008 during regular office hours, 9:00 am - 5:00 pm EST.

PRODUCT DATA SHEET

HYDROFORCE™

Heavy Duty Scrubbing Detergent

This product is used in the periodic “scrub and recoat” process to can keep floor finish looking fresh. It exfoliates embedded dirt, grime and discolored polymer from the surface of older floor waxes and finishes, in preparation for recoat. Salvaging the existing floor polish is good for the budget and the environment. Useful in areas which are difficult to strip.

Concentrated. Do not use straight.

Make a “ready-to-use” solution by mixing one part product with 20 parts clean water
Mop on generously and spread uniformly. Wait 5 minutes. Machine scrub with side-to-side electric scrubber or battery powered autoscrubber, using blue, green, or even black pads (if necessary) to scour old finish and exfoliate oxidized material. Reclaim soiled solution with wet vac or autoscrubber. Damp mop to remove streaks or residue. The scoured finish should have a dull appearance. If the finish is still shiny, scrub again with the ready-to-use solution until the gloss is lowered or “knocked down” and has “tooth” to aid the adhesion of fresh finish.

Now that the existing finish is clean, apply two coats of new finish. Gloss should be equivalent to the original application.

This product may also be used on unfinished floors such as kitchen tile and concrete. Removes grease and oil – the primary adhesive for soil. Waterbased formula product is alkaline and should be rinsed with clean water before fresh coatings are applied. Contains no glycol ethers, phosphates or APEO. No bioaccumulatives. No known carcinogens.

Revised: 04/08/11



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