HYDROFORCE Safety Data Sheet (MSDS)

Deep cleaner for waxed floors (liquid concentrate) Revised: 12/12/06
Proper shipping name: Non regulated

SECTION 1 SOURCE INFORMATION

Manufactured by: US Formula Technology
4475 River Green Pkwy, Ste. 100, Duluth, GA 30096 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:	Lower =1.1% Upper = 10.6%
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.

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:

Slippery! Prevent foot traffic. Wear protective gear. Reclaim liquid with wet vac or mop and bucket. Save for some use where quality is not critical such as concrete cleaner. Do not allow to enter natural waterways. Rinse area with clean water and dry before permitting traffic.

Waste disposal:

Dispose of in accordance with Federal, State and Local law. Designed for disposal down sanitairy 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 accepts no responsibility for damages or loss incurred from the improper handling and use of this product. Manufacturer cannot anticipate all conditions of use, or performance in all environments. The preceding information is believed to be accurate but is not warranted to be so. In case of a chemical emergency call 800/535-5053 day or night or call collect in the USA: 1-352/ 323-3500.
To receive the most current safety data call 770/813-0008 in the USA.