

Safety Data Sheet

Section 1:	Product and Company Identification			
	Company:	Mold Slayer Systems, LLC		
	Product Name	Hydro 20		
	Recommended Use	Cleaner		
Section 2:	Hazards Identification			
Health 1	Flammability 0	Activity 0	Protection X	
0 Normal Use Material	0 Will Not Burn	0 Stable	X = Consult the MSDS and your supervisor for your special workplace needs.	
Note:	Oxidizer - Keep away from flammable and combustible materials. Residual hydrogen peroxide that is allowed to dry on organic materials such as paper, cotton fabrics, leather or other combustible materials may cause the material to ignite and cause fire. Runoff may create a risk of fire or explosion. Hydrogen peroxide decomposes on heating to produce oxygen gas, steam and heat.			
Health Effects	(Acute and Chronic exposures)			
Nose	Breathing irritant			
Mouth	DO NOT induce vomiting. Loosen tight clothing. Give victim plenty of water to dilute stomach contents. Seek immediate medical attention.			
Eyes	Rinse immediately with water for at least 15 minutes, lifting upper and lower eyelids intermittently while seeking immediate medical attention. Go immediately to the emergency room to receive treatment currently recommended.			
Skin	Mix a teaspoon of baking soda in 8 ounces of water and apply this solution to the affected area. Get medical attention if irritation occurs and/or persists.			
Chronic	Not available			
Route of Entry	Skin contact, eye contact, Inhalation.			
Section 3:	Composition / Ingredient Information			
	# Chemical / Common Name	CAS-Number %	Proportion %	
	Surfactant	N/A	<5%	
	Distilled Water	7732-18-5	75%	
	H2O2 (Hydrogen Peroxide)	7722-84-1	20% or less	
Section 4:	First Aid Measures			
Note:	If irritation persists after any exposure, get medical help.			
	Breathing	Breathing Irritant		
	Eating	DO NOT induce vomiting. Loosen tight clothing. Give victim plenty of water to dilute stomach contents. Seek immediate medical attention.		
	Skin Contact	Mix a teaspoon of baking soda in 8 ounces of water and apply this solution to the affected area. Get medical attention if irritation occurs and/or persists.		
	Eyes	Mix a teaspoon of baking soda in 8 ounces of water and apply this solution to the affected area. Get medical attention if irritation occurs and/or persists.		
	Medical Notes	Hydrogen peroxide concentrations in this product is a strong oxidant. Direct contact with eyes may cause corneal damage especially if not washed immediately. Careful ophthalmologic assessment and the possibility of local corticosteroid therapy is recommended to be considered. Because the likelihood of corrosive effects on the GI tract after ingestion and the unlikelihood of systemic effects, attempts to pass the stomach through the induction of emesis or gastric lavage should be avoided. There is a remote possibility, however, that a nasogastric or orogastric tube may be necessary to reduce the severe distension due to gas formation.		

Section 5:	Fire Fighting Measures			
	Flash Point: Will NOT burn. Will NOT support flame. Water-based product.			
Section 6:	Accidental Release Measures			
	This product may be diluted with water and held until degraded. The use of sodium bicarbonate accelerate the decontamination process. Solution should be neutralized to pH 7.0. Follow local, state and federal regulations for disposal.			
Section 7:	Handling and Storage			
	Store containers in a cool place out of direct sunlight and away from combustible materials. Store at temperatures below 37.7 ⁰ C or 100 ⁰ F. Store in original vented container. Do not mix with other chemicals.			
	Use full face shield, impervious clothing, such as PVC, etc, and neoprene gloves and shoes. Avoid cotton, wool and leather. Avoid excessive heat and pollution. Contamination may cause decomposition and generation of oxygen gas which could lead to high pressures and possible rupture of the container. Hydrogen peroxide should be stored only in vented containers and transferred in the prescribed manner. Never return unused product to original container, empty drums should be triple rinsed with water before discarding. Utensils used for handling this product should only be made of glass, stainless steel, aluminum or plastic.			
Section 8:	Exposure Control/Personal Protection			
Ventilation	Local Exhaust			
Handling	Always wear PPE			
Eye and Face	Goggles and face shield			
Hands	Rubber Gloves			
Respirator	Full Face Respirator / P100 Cartridge			
Section 9:	Physical and Chemical Properties			
	Boiling Point	212 degrees F	Specific Gravity(H2O)=1	1
	Vapor Pressure / Density:	As Water	Evaporation Rate (butyl acetate = 1)	Slower
	Solubility in Water:	Complete	Freeze Point:	32 degrees F
	% Volatile by Volume:	99.5%	pH:	6.0 - 9.0
Section 10:	Stability and Reactivity			
Incompatibility	Materials with high pH, iron, salts, organic compounds, reducing agents, dust and debris, combustible materials.			
Hazardous Polymerization?	No, see incompatibility			
Product Chemically Stable:	Yes			
Hazardous Decomposition	Oxygen, Steam, Heat			
Conditions to Keep Stability	Do not heat over 100 degrees F or 37.8 degrees C, ventilated containers.			
Section 11:	Toxicological Information			
	Toxicity depends on length of time exposed, concentration of exposure and PPE controls in place at the time of exposure.			
	Irritancy Sensitivity	See sections 3 and 4		
Section 12:	Ecological Information			
Biodegradability	Is readily biodegradable when tested in accordance with OECD 301B			
Section 13:	Disposal Considerations			
	This product may be diluted with water and held until degraded. The use of sodium bicarbonate accelerate the decontamination process. Solution should be neutralized to pH 7.0. Follow local, state and federal regulations for disposal.			
Section 14:	Transport Information			

Shipping Description:	UN-2984, Hydrogen peroxide, aqueous solution with not less than 8%, but less than 20%, (stabilized as necessary)				
Hazard Class	5.1	Hazard Number: UN-2984	HazChem Code Number: 15.5.1, 15.19.6	Packaging Group: PG III	Emergency Response Code: ERG#60
Labels Required	Oxidizer	Other Requirements:	This product must be in containers that have vented closures or container may swell and rupture violently .		
Note:	Product heated to or above 180 ⁰ F (82.2 ⁰ C) will produce large amounts of pure oxygen to possibly create an explosive condition. DO NOT SEND THIS PRODUCT BY AIR. - SHIP GROUND ONLY				
Section 15:	Regulatory Information				
Product As Whole	All ingredients are either listed on the TSCA inventory or are exempt.				
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