



# MATERIAL SAFETY DATA SHEET

## SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME	WORKSAFE Quarry Tile Cleaner	PACK	2 / 1 gal.
PRODUCT CODE	5076690		

ISSUE DATE	02-10-01
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MANUFACTURER            Sysco Chemical  
STREET ADDRESS        1390 Enclave Parkway  
CITY, STATE, ZIP        Houston, Texas 77077

### EMERGENCY TELEPHONE NUMBERS

Medical Information: (800) 228-5635 x161  
Transportation:        (800) 424-9300 \*  
\* For spill, leak, fire or transport accident emergencies.  
Product Information: (281) 584-1790

## SECTION 2 -- COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS No.	% by wt.	OSHA PEL	EXPOSURE LIMITS	
				ACGIH TLV	NIOSH REL
* -- (see note below)					
Dodecylbenzene sulfonic acid	27176-87-0	< 5	None	None	None
Sulfamic acid	5329-14-6	< 10	None	None	None
Hydroxyacetic acid	79-14-1	< 10	DuPont AEL is 10 mg/m <sup>3</sup> TWA	None	None

\* -- Asterisked ingredients are those considered hazardous according to the criteria of 29CFR 1910.1200.  
Other ingredients are listed for informational purposes to assist emergency medical response personnel.

## SECTION 3 -- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	Causes skin irritation. Harmful or fatal if swallowed. Eye contact causes severe irritation and possible chemical burns. Vapors irritating to respiratory tract. <b>Medical hazards are related to the low pH.</b>
POTENTIAL HEALTH EFFECTS	
INGESTION .....	Can cause chemical burns to mouth, throat and stomach. May cause perforation of the stomach lining and intestinal tract. Acidosis is possible.
INHALATION .....	Vapors can cause respiratory tract irritation.
EYE CONTACT .....	Liquid or vapors severely irritating. May cause chemical burns and/or corneal damage.
SKIN CONTACT .....	Irritating to skin; may cause redness and/or defatting of the skin.

### SECTION 4 -- FIRST AID MEASURES

INGESTION	If swallowed, DO NOT induce vomiting. Immediately drink a large quantity of water. Never give anything by mouth to an unconscious person. <b>Get medical attention immediately.</b> Probable mucousal damage contraindicates the use of gastric lavage.
INHALATION	If exposed to excessive levels of vapors, remove to fresh air and get medical attention if cough or other symptoms develop.
EYE CONTACT	Immediately flush eye with plenty of cool, running water. Remove contact lenses if applicable, and continue flushing for at least 15 minutes, holding eyelids apart to ensure thorough rinsing of the entire eye. <b>Call a physician immediately.</b>
SKIN CONTACT	Immediately flush skin with plenty of cool running water for at least 15 minutes. Wash with soap and water. If irritation develops or persists, get medical attention. Remove contaminated clothing and shoes; wash before reuse.
NOTE TO PHYSICIAN	Information pertaining to ingestion toxicology, therapy, symptomatology and treatment can be found in <u>Clinical Toxicology of Commercial Products</u> , authored by Gosselin, Smith and Hodge and published by Williams & Wilkins, Baltimore, Maryland. <b>See listing for Acid in Therapeutics Index, Section III.</b>

### SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT / METHOD	None / N.A.	FLAMMABLE LIMITS	Not flammable or combustible
EXTINGUISHING MEDIA	If involved in a fire, foam, carbon dioxide, dry chemical or water.		
SPECIAL FIRE FIGHTING PROCEDURES	Use self-contained breathing apparatus for confined areas where toxic fumes may be present.		
FIRE AND EXPLOSION HAZARDS	Prolonged contact with metals may release potentially explosive hydrogen gas.		

### SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RESPONSE TO SPILLS	Small spills: Flush to sanitary sewer. Mop up residue and rinse area thoroughly with water. Large spills: Dike or dam spill. Pump to containers or soak up on inert absorbent. Wear protective clothing, including gloves and goggles. Neutralize with lime, if possible.
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### SECTION 7 -- HANDLING AND STORAGE

HANDLING PRECAUTIONS	Handle with care. Wash hands before eating. Avoid contact with skin or eyes. Keep container tightly closed when not in use.
STORAGE PRECAUTIONS	Store in a cool, dry place away from oxidizers and strong alkalies. Do not store in metal or glass containers. Keep from freezing.



**SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION**

HYGIENIC PRACTICES	Observe label precautions; use personal protective equipment.
ENGINEERING CONTROLS	Facilities using this product must be equipped with an eyewash station.

**PERSONAL PROTECTIVE EQUIPMENT**

	RESPIRATOR	Not necessary
X	GOGGLES / FACE SHIELD	Required; goggles should be chemical splash type
	APRON	Not necessary
X	GLOVES	Required; PVC, Neoprene or Nitrile acceptable
X	BOOTS	Recommended to protect shoes and feet when using product

**SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Hazy straw liquid	BOILING POINT	215 deg. F.
ODOR	Mild acid	FREEZING POINT	Not established
pH	2.0 (100% concentrate)	VAPOR PRESSURE	Not established
SPECIFIC GRAVITY	1.040	VAPOR DENSITY	Not established
SOLUBILITY IN WATER	Complete	EVAPORATION RATE	<1 (butyl acetate = 1)

**SECTION 10 -- STABILITY AND REACTIVITY**

CHEMICAL STABILITY		STABLE	X		UNSTABLE	
CONDITIONS TO AVOID	Do not mix with anything but water. Do not mix with bleach, chlorinated detergents, oxidizing agents or sanitizers -- will cause hazardous vapors.					
INCOMPATIBILITY	Avoid contact with alkaline materials and strong oxidizers such as chlorine bleach. Reacts with metals, cyanides and sulfides to form dangerous gases.					
HAZARDOUS PRODUCTS OF DECOMPOSITION	Oxides of carbon and nitrogen.					
POLYMERIZATION		WILL NOT OCCUR	X		MAY OCCUR	
CONDITIONS TO AVOID	Not applicable					

**SECTION 11 -- TOXICOLOGICAL INFORMATION****CARCINOGENICITY**

	THIS PRODUCT CONTAINS A KNOWN OR SUSPECTED CARCINOGEN
X	THIS PRODUCT DOES NOT CONTAIN ANY KNOWN OR ANTICIPATED CARCINOGENS ACCORDING TO THE CRITERIA OF THE NTP ANNUAL REPORT ON CARCINOGENS AND OSHA 29 CFR 1910, Z

**OTHER EFFECTS**

ACUTE	May cause corneal damage and severe burns to eyes.
CHRONIC	Not a known hazard

**SECTION 12 -- ECOLOGICAL INFORMATION**

<b>BIODEGRADABILITY</b>	<input type="checkbox"/>	<b>CONSIDERED BIODEGRADABLE</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>NOT BIODEGRADABLE</b>	<input type="checkbox"/>
<b>BOD / COD VALUE</b>	Not established					
<b>ECOTOXICITY</b>	No data available					

**SECTION 13 -- DISPOSAL CONSIDERATIONS**

<b>WASTE DISPOSAL METHOD</b>	Product that cannot be used according to the label must be disposed of as a hazardous waste at an approved hazardous waste management facility. Empty containers may be triple rinsed, then offered for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.					
<b>RCRA CLASSIFICATION</b>	Hazardous, corrosive D002					
<b>RECYCLE CONTAINER</b>	<input type="checkbox"/>	<b>YES</b>	<input checked="" type="checkbox"/>	<b>CODE</b>	2 - HDPE	<b>NO</b> <input type="checkbox"/>

**SECTION 14 -- TRANSPORT INFORMATION**

<b>DOT CLASSIFICATION</b>	<input type="checkbox"/>	<b>HAZARDOUS</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>NOT HAZARDOUS</b>	<input type="checkbox"/>
<b>DESCRIPTION</b>	Corrosive liquid, acidic, organic, n.o.s. (Sulfamic acid, Hydroxyacetic acid), 8, UN3265, III, LTD QTY <i>[Exempt from labeling and placarding requirements]</i>					
<b>SYSCO HM CODE</b>	HM 0027					

**SECTION 15 -- REGULATORY INFORMATION**

**REGULATORY STATUS**

<input type="checkbox"/>	<b>EPA REGISTERED (UNDER FIFRA)</b>	
<input type="checkbox"/>	<b>FDA REGULATED</b>	
<input checked="" type="checkbox"/>	<b>KOSHER</b>	
<input type="checkbox"/>	<b>SARA TITLE III MATERIAL</b>	
<input type="checkbox"/>	<b>USDA AUTHORIZED</b>	
<input checked="" type="checkbox"/>	<b>CANADA WHMIS</b>	Controlled Product, Class E - Corrosive Material

**SECTION 16 -- OTHER INFORMATION**

**NFPA CLASSIFICATION**

2	<b>BLUE</b>	HEALTH HAZARD
0	<b>RED</b>	FLAMMABILITY
1	<b>YELLOW</b>	REACTIVITY
-	<b>WHITE</b>	SPECIAL HAZARD

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or use involving other materials. This information is based on data believed to be reliable, and the Product is intended to be used in a manner that is customary