

SULFAMIC ACID CLEANER

Material Safety Data Sheet

24-HOUR CHEMICAL EMERGENCIES SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC 800-424-9300 (Outside US 703-527-3887)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION								
Prod	ост М	AME:	SULFAMC ACID CLEANER					
Prod	υсτι	JSE:	Cleaner					
MAN	UFACT	IURE /S UPPL	IER:	OMNI Se	ealers,	Inc.		
Addr	RESS:			22362 G	ilberto	Street,	Suite 21	5
				Rancho	Santa I	Margarit	a, CA 92	688
Рном	IE:			949-709		Ū		
		SECTION	N 2: HAZ	ARDOUS I	DENTI		N	
NFPA	704 C	ODES: 0=Min						2
		Health		nability		ctivity	Clothi	
		(blue)	(r	ed)	(ye	llow)		Ū
NFP	ΡA	3		0	.,	1	J	
НМ	HMIS 3			0		1	j	
				•		-		
				CAUSES BU	RNS			
		TE OF EXPOS						
EYE:			May cau	se burns. S	eek me	edical att	ention.	
SKIN:			May cau	se burns. S	eek me	edical att	ention.	
INHAL		N:	May cau	se irritatio	n to up	per respi	ratory tra	act.
			Seek me	dical atten	tion.			
INGES	TION:	:	,	narmful if s			ot take	
				y. Seek me				
		FFECTS:		skin and ca				
SIGNS	5 & SY	MPTOMS:	•	omfort or p			-	nd
			•	duction wit				
			•	Skin redne		• •	0	ling
			•	Stomach o mouth, th				ung.
					iual, es	ophagus	anu	
			stomach.					
OTHER EFFECTS: May aggravate preexisting skin, eye and							b nc o	
OTHE	R EFFI	ECTS:		•	-	skin, ey	e and	
-			respirato	ory condition	ons.			TS
-		ECTS: N 3: COMI	respirato	ory condition	ons.			TS
-		N 3: COMI	respirato POSITION nts	ory condition I/INFORM CAS	ons. 1ATION #	I ON ING	GREDIEN Wgt*	TS
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_	CTION 5: FIRE FIGHTING MEASURES				
FLAMMABILITY:	Not flammable by OSHA/WHMIS criteria.				
	Does not support combustion.				
MEANS OF	Use extinguishing measures that are				
EXTINCTION:	appropriate to local circumstances and the				
Decourtor	surrounding environment.				
PRODUCT OF COMBUSTION:	May include, but not limited to oxides of and oxides of sulfur.				
EXPLOSION DATA:					
EXPLOSION DATA:	• • • • • • • • • • • • • • • • • • • •				
FIREFIGHTING DATA					
	breathing apparatus and full protective				
	clothing. Heated closed containers may burst				
	due to steam pressure. Cool with water.				
SECTI	ON 6: ACCIDENTAL RELEASE MEASURES				
ENVIRONMENTAL:	Keep out of drains, sewers, ditches and				
	waterways.				
CONTAINMENT:	Use inert material to dike/absorb. Neutralize				
	the spill area with an alkaline detergent				
	solution				
CLEAN-UP:	Transfer material to suitable containers for				
	disposal.				
OTHER:	Contact CHEMTREC 800-424-9300.				
	CTION 7: HANDLING AND STORAGE				
	ecial handling is required under normal use.				
	priate protective clothing necessary to prevent ted or prolonged skin contact should be worn. Skin				
	ct should be minimized by wearing impermeable gloves.				
	ant boots should be worn where spills or splashing can				
	Wash hands and other contaminated areas thoroughly				
	oap and water after handling this product and before				
	or smoking. Wash contaminated clothing thoroughly ere-use.				
	out of reach of Children. Store in original container only				
	ose after each use. Temperature should be between				
40° F least 2	ose after each use. Temperature should be between and 100° F (4°C and 38°C). Shelf-life expected to be at Lyear.				
40° F least 2	ose after each use. Temperature should be between and 100° F (4°C and 38°C). Shelf-life expected to be at				
40° F least 2	ose after each use. Temperature should be between and 100° F (4°C and 38°C). Shelf-life expected to be at year. EXPOSURE CONTROL / PERSONAL PROTECTION				
40° F least 2 SECTION 8: E	ose after each use. Temperature should be between and 100° F (4°C and 38°C). Shelf-life expected to be at year. EXPOSURE CONTROL / PERSONAL PROTECTION OSHA-PEL: Not Available				
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

SECTION 9:	PHYSICAL	AND CHEMICAL PROPERTIES			
APPEARANCE:		Crystals			
COLOR:		White			
ODOR:		Slight Acrid			
PHYSICAL STATE		Solid			
PH (TYPICAL):		1.0			
VISCOSITY:		Not Determined			
FREEZING POINT		Not Determined			
BOILING POINT		Not Determined			
FLASH POINT		Not Determined			
EVAPORATION RATE:		Not Determined			
VAPOR PRESSURE:		Not Determined			
DENSITY:		Not Determined			
SPECIFIC GRAVITY (H2	0)=1)	Not Determined			
SOLUBILITY IN WATER,					
PERCENT VOLATILE BY		Not Determined			
PERCENT VOLATILE BY		Not Determined			
VOC CONTENT BY WE		Not Determined			
	10: 31A	BILITY AND REACTIVITY			
STABILITY:		Stable under normal conditions.			
CONDITIONS TO AVOID		Avoid temps. $<40^{\circ}$ F and $>100^{\circ}$ F.			
INCOMPATIBLE MATER		May react to bases.			
HAZARDOUS DECOMPO	DSITION	May include, but not limited to			
PRODUCTS:		oxides of ammonia and oxides of			
		sulfur.			
Possibility of Hazari	DOUS	No dangerous reactions known			
REACTIONS:		under normal conditions.			
		ICOLOGY INFORMATION			
EYE:		e eye contact. Symptoms may			
		ourns, discomfort or pain, excessive			
		ind tear production with marked			
		and swelling. Seek medical			
	attention	n.			
SKIN:		e skin contact. Symptoms may			
		urns, redness, edema, drying or			
	-	cracking. Seek medical attention.			
-		narmful if swallowed. Do not take			
		ly. Symptoms may include burns,			
		distress, nausea or vomiting. Seek			
medical a		attention.			
		n upper respiratory irritant. Avoid			
		g vapor or mist. Seek medical			
attention					
		the product's ingredients are found			
		sts of hazardous, carcinogenic or			
	banned c	hemical agents or materials			
generated by them.					
SECTION 12: ECOLOGICAL INFORMATION					
May cause long-term adverse effects in the aquatic					
environment.					

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal should be in accordance with all local, state and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION					
DOT SHIPPING NAM	ле (49CFR 172.101):	Sulfamic Acid			
DOT HAZARD CLASS	5:	Class 8: Corrosive solid			
MARKING:		Corrosive			
LABEL:		Corrosive			
PLACARD:		Corrosive limited			
		quantities			
HAZARD (29 CFR 1	910.1200):	Non-Flammable			
INT'L HARMONIC SY	STEM CODE:	n/a			
UN N UMBER		2967			
SECTION 15: REGULATORY INFORMATION					
FEDERAL:					
OSHA:	This product is hazardous under the OSHA				
	Hazard Communic	ation Standard (29 CFR			
	1910-1200).				
TSCA:	The ingredients in	this product are on the			
	TSCA inventory lis	t and do not have special			
	toxic warning requ	uirements.			
SARA TITLE III:	Contains no chemic	al subject to SARA Title III			
STATE					
CA Prop. 65:	This product contains no listed substances at				
	levels that would	require a warning as a			
	product known to	cause cancer, birth defects			
	or other reproduc	tive harm.			
Section 16: Other Information					

The information is believed to correct to the best of our knowledge, information, and belief at the date of publication. The information is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information applies only to this specific material as supplied and may not be valid for such material used in combination with any other materials or in any processes.

All terms and abbreviations have been defined in various government publications, or are standard chemical terms used by IUPAC.