

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

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PRODUCT CODE: 62432-1-270      PRODUCT NAME: VIRKON S BROAD SPECTRUM DISINFECTANT  
 This form may be used to comply with OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200.

IDENTITY      (As Used on Label and List):      VIRKON S BROAD SPECTRUM  
 DISINFECTANT

## SECTION I - PRODUCT IDENTIFICATION

MANUFACTURER NAME AND ADDRESS:	TELEPHONE NUMBERS:
Farnam Companies, Inc.	24 hour emergency nu
(602)285-1660      Date Entered:	
301 West Osborn Road	Business hours
(602)234-2269      Last Revision:	
Phoenix, AZ. 85013	Marketing
(602)285-1660      MSDS Printed:	
SYNONYMS:	
CHEMICAL FAMILY:	NFPA
RATINGS: (0-4)      ADDITIONAL LABEL INFO.	
HAZARD LABEL:	Health:
2      COR - Corrosive	
MOLECULAR FORMULA:	
Flammability: 0	
MOLECULAR WEIGHT: NE or NA	Reactivity:
1	
ADDITIONAL IDENTITY INFORMATION	

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME)	CAS #
OSHA PEL      ACGIH TLV      OTHER LIMITS	
SALT (Sodium Chloride)	7647-14-5
1.5      Potassium peroxymonosulfate	70693-62-8
20.4      Sulphamic acid	5329-14-6
MALIC ACID USP	617-48-1
Alkyl Benzene Sulphonate	NA
ADDITIONAL CHEMICAL INFORMATION	

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: NE or NA	SPECIFIC GRAVITY (WATER = 1): 1.07
MELTING POINT: NE or NA	VAPOR PRESSURE (MM HG): . . .
NE or NA	VAPOR DENSITY (AIR=1): . . . .
NE or NA	EVAPORATION RATE: . . . . .
PHYSICAL STATES: [    ] Gas	(Butyl Acetate=1)
NE or NA	SOLUBILITY IN WATER: . . . . .
[    ] Liquid	Freely soluble in water
[ X ] Solid	

PH: NA PERCENT VOLATILE: . . . . . NE or  
NA

APPEARANCE AND ODOR:  
Yellow, free flowing powder with faint lemon odor.  
In solution, pale liquid with faint lemon odor.  
ADDITIONAL PHYSICAL INFORMATION

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH PT: NE or NA METHOD USED:  
EXPLOSIVE LIMITS: LEL: UEL:  
AUTOIGNITION PT: NE or NA  
EXTINGUISHING MEDIA:  
Water, dry powder, CO2

SPECIAL FIRE FIGHTING PROCEDURES:  
When heated above 70 degrees C, it decomposes with evolution of corrosive  
gas (SO2)  
UNUSUAL FIRE AND EXPLOSION HAZARDS:

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ADDITIONAL FIRE FIGHTING INFORMATION

SECTION V - REACTIVITY DATA

STABILITY: Unstable [ ] Stable [ X ]  
CONDITIONS TO AVOID - INSTABILITY:  
Excessive heat, Direct sunlight, & Moisture  
INCOMPATIBILITY - MATERIALS TO AVOID:  
Alkaline materials  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:  
sulfur dioxide  
HAZARDOUS POLYMERIZATION: May occur [ ] Will not occur [ X ]  
CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION:  
Product will not undergo polymerization.  
ADDITIONAL STABILITY/REACTIVITY INFORMATION

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: Inhalation? Yes Skin? Yes Eyes? Yes Ingestion?  
Yes Other:  
HEALTH HAZARDS (ACUTE AND CHRONIC):  
CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No  
CARCINOGENICITY/OTHER INFORMATION:  
RECOMMENDED EXPOSURE LIMITS:  
LD 50/LC 50: LD50 = 1.7 g/kg; LC50 > 6.147 mg/l  
SIGNS AND SYMPTOMS OF EXPOSURE:

EMERGENCY AND FIRST AID PROCEDURES:

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If swallowed: Drink promptly a large quantity of water. Avoid alcohol. Get immediate medical attention.

### ADDITIONAL HAZARDS INFORMATION

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

disposal. Dispose of waste powder in accordance with local, state, and federal regulations.

Dispose of in accordance with all local, state, and Federal regulations.

Keep out of direct sunlight	Store in a tightly closed
container.	

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

OTHER PRECAUTIONS:

## ADDITIONAL HANDLING/STORAGE INFORMATION

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## PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION

RESPIRATORY EQUIPMENT (SPECIFY TYPE):

LOCAL EXHAUST:

MECHANICAL (GENERAL) :

EYE PROTECTION:

PROTECTIVE GLOVES:

OTHER PROTECTIVE CLOTHING:

WORK/HYGIENIC/MAINTENANCE PRACTICES:

Have facilities available to clean product from skin and eyes.

ADDITIONAL EXPOSURE CONTROL INFORMATION

SECTION IX - ADDITIONAL COMMENTS

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.

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