

SUPERIOR SIGNAL CO INC -- SUPERIOR SMOKE FOR AIR FLOW SUDIES -- 6910-01-254-9658  
===== Product Identification =====

Product ID: SUPERIOR SMOKE FOR AIR FLOW SUDIES

MSDS Date: 03/05/1990

FSC: 6910

NIIN: 01-254-9658

MSDS Number: BWMTL

=== Responsible Party ===

Company Name: SUPERIOR SIGNAL CO INC

Address: W GREYSTONE RD

City: OLD BRIDGE

ZIP: 08857

Country: US

Emergency Phone Num: 908-251-0800

CAGE: 12254

=== Co

ntractor Identification ===

Company Name: SUPERIOR SIGNAL CO INC

Address: W GREYSTONE RD

Box: City: OLD BRIDGE

ZIP: 08857

Country: US

CAGE: 12254

===== Composition/Information on Ingredients =====

Ingred Name: ZINC CHLORIDE (SARA III)

CAS: 7646-85-7

RTECS #: ZH1400000

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 1 MG/M3

ACGIH TLV: 1MG/M3/2STEL(FUME)94

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

Ingred Name: WATER

CAS: 7732-18-5

RTECS #: ZC0110000

Other REC Limits: NONE RECOMMENDED

Ingred Nam

e:CARBON MONOXIDE  
CAS:630-08-0  
RTECS #:FG3500000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:50 PPM  
ACGIH TLV:25 PPM; 9394

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION- IRRITATION OF THE  
RESPIRATORY TRACT AND MUCOUS MEMBRANES.  
Effects of Overexposure:INHALATION- IRRITATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GET  
MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NONE  
Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR A NIOSH APPROVED SELF-CONTAINED BREATHING  
APPARATUS AND FULL PROTECTIVE EQUIPMENT WHEN FIGHTING FIRES. USE  
WATER SPRAY TO COOL  
FIRE EXPOSED CONTAINERS.  
Unusual Fire/Explosion Hazard:NONE KNOWN.

===== Accidental Release Measures =====

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.  
Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.  
Ventilation:USE LOCAL

EXHAUST TO KEEP EXPOSURE TO A MINIMUM.  
Protective Gloves:NONE SPECIFIED BY MANUFACTURER.  
Eye Protection:NONE SPECIFIED BY MANUFACTURER.  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.  
Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:N1  
Solubility in Water:SOLUBLE  
Appearance and Odor:GRAY TO WHITE WITH AN ODOR OF BURNING PAPER.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.  
Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE IN CHEMICAL DISPOSAL AREA IN A MANNER THAT COMPLIES WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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