

HARSHAW/FILTROL
MATERIAL SAFETY DATA SHEET

CODE: 863-037

PRODUCT NAME
Silver Chloride Optical
Crystal

H-33-84-WP

DATE: 01/15/85

SECTION I -- IDENTIFICATION

SUPPLIER'S NAME Harshaw/Filtrol Partnership

EMERGENCY TELEPHONE 216/292-9200

ADDRESS 30100 Chagrin Blvd.
Cleveland, Ohio 44124

CHEMICAL NAME Silver Chloride

CAS No. 7783-90-6

U.N. No. Not applicable

FORMULA AgCl

D.O.T. CLASSIFICATION Not regulated

SECTION II -- HAZARDOUS INGREDIENTS OF MIXTURES

<u>Material or Component</u>	<u>%</u>	<u>Threshold Limit Value</u>
Not applicable		

SECTION III -- PHYSICAL DATA

BOILING POINT 1818°C

MELTING POINT 455°C

SPECIFIC GRAVITY (H₂O=1) 5.56

VAPOR PRESSURE Not applicable

VAPOR DENSITY (Air=1) Not applicable

SOLUBILITY IN H₂O (% by Wt.) 0.000089g/
100g at 10°C

% VOLATILES BY VOLUME Not applicable

EVAPORATION RATE (Butyl Acetate=1)
Not applicable

APPEARANCE AND ODOR White solid; odorless

SECTION IV -- FIRE AND EXPLOSION DATA

Not a fire or explosion hazard.

SECTION V -- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

0.1 mg/m³ as AG-TWA (ACGIH, 1984) Due to formed nature of this product
no airborne concentrations are expected.

EFFECTS OF OVEREXPOSURE

None expected.

EMERGENCY AND FIRST AID PROCEDURES

None needed

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SECTION VI -- REACTIVITY DATA

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CONDITIONS CONTRIBUTING TO INSTABILITY None expected

INCOMPATIBILITY None expected

HAZARDOUS DECOMPOSITION PRODUCTS None expected.

SECTION VII -- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

If broken or not usable, scoop up or vacuum into a container for disposal.

WASTE DISPOSAL METHOD Dispose of in accordance with Federal, state and local laws. Testing may be required to determine hazard status under these laws and regulations.

SECTION VIII -- PROTECTIVE EQUIPMENT

VENTILATION General.

PERSONAL PROTECTIVE EQUIPMENT None needed

SECTION IX -- SPECIAL PRECAUTIONS

None needed

SECTION X -- PERSONNEL SAMPLING PROCEDURE

Not applicable

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