

INNOVISION,INC. -- M18 GAS FILTER,5-19-2350 -- 4240-00-828-3952

===== Product Identification =====

Product ID:M18 GAS FILTER,5-19-2350

MSDS Date:03/31/1992

FSC:4240

NIIN:00-828-3952

MSDS Number: BPVDJ

=== Responsible Party ===

Company Name:INNOVISION,INC.

Address:880 GRAND BLVD.

City:DEER PARK

State:NY

ZIP:11729

Country:US

Info Phone Num:516-586-0303 (8AM-5PM M-F)

Emergency Phone Num:516-586-0303

(8AM-5PM M-F)

CAGE:0F6F7

=== Contractor Identification ===

Company Name:INNOVISION,INC.

Address:880 GRAND BLVD.

Box:City:DEER PARK

State:NY

ZIP:11729

Country:US

Phone:516-586-0303 (8AM-5PM M-F)

CAGE:0F6F7

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

Ingred Name:CARBON IMPREGNATED WITH COPPER,CHROMIUM AND SILVER.OSHA PEL  
5 MG/M3 RESP FRACTION;ACGIH TLV FOR RESP FRACTION.

CAS:7440-44-0

RTECS #:FF5250100

Fraction by Wt: 52%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1

5 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:COPPER (SARA III).OSHA PEL AND ACGIH TLV 1 MG/M3 DUST.  
CAS:7440-50-8  
RTECS #:GL5325000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 MG/M3 FUME  
ACGIH TLV:0.2 MG/M3 FUME  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:CHROMIUM (SARA III)  
CAS:7440-47-3  
RTECS #:GB4200000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:0.5 MG/M3  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW350  
0000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NOT KNOWN  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:THE M18 FILTER ITSELF IS  
NONTOXIC,HOWEVER LONG TERM EXPOSURE TO ASC CARBON DUST OR FINES MAY  
BE HAZARDOUS DUE TO THE PRESENCE OF CHROMIUM  
TRIOXIDE,WHICH MAY  
PRESENT A CARCINOGENIC RISK.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:NOT KNOWN  
Medical Cond Aggravated by Exposure:NOT KNOWN

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

First Aid:EYES:FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15  
MINUTES .SKIN:EXPOSURE TO ASC CARBON DUST SHOULD BE WASHED AWAY  
WITH WATER.

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

Flash Point:NOT KNOWN  
Lower Limits:NOT KN

OWN

Upper Limits:NOT KNOWN

Extinguishing Media:IF INVOLVED IN FIRE,FLOOD WITH PLENTY OF WATER.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS (SCBA) AND FULL TURNOUT GEAR .

Unusual Fire/Explosion Hazard:IF ASC CARBON INSIDE THE FILTER COMES IN CONTACT WITH STRONG OXIDIZERS SUCH AS OZONE,LIQUID OXYGEN,CHLORINE,PERMANGANATE,ETC.,FIRE COULD RESULT.

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

Spill Release Procedures:IF FILTER IS DAMAGED AND AS C CARBON IS

SPILLED,SWEEP UP CARBON AND DISCARD IN REFUSE CONTAINER.IF RELEASED,REPORT IN ACCORDANCE WITH LOCAL,STATE,AND FEDERAL REGULATIONS.

Neutralizing Agent:NOT KNOWN

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

Handling and Storage Precautions:NO UNUSUAL PRECAUTIONS ARE NEEDED FOR STORAGE AND HANDLING.

Other Precautions:USED FILTERS SHOULD NOT BE IMMersed IN WATER IN SMALL CONFINED SPACES,SINCE WET ASC CARBON REMOVES OXYGEN FROM AIR.

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

Respiratory Protection:A NIOSH APPROVED PARTICULATE FILTER RESPIRATOR IS RECOMMENDED IF EXCESSIVE DUST IS GENERATED.

Ventilation:PARTICULATE FILTRATION OF EXHAUST IS RECOMMENDED.

Protective Gloves:NOT REQUIRED

Eye Protection:NOT REQUIRED

Other Protective Equipment:NOT REQUIRED

Work Hygienic Practices:DUST FROM ASC CARBON SHOULD NOT BE INHALED OR INGESTED & SHOULD BE REMOVED FROM SKIN BY WASHING WITH SOAP AND WATER.

Supplement

al Safety and Health

WASTE DISP:AND MAY BE SUBJECT TO REPORTABLE QUANTITY RULES IF WASTE IS SPILLED.

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

Boiling Pt:B.P. Text:NOT KNOWN

Melt/Freeze Pt:M.P/F.P Text:NOT KNOWN

Decomp Temp:Decomp Text:NOT KNOWN

Vapor Pres:NOT KNOWN

Vapor Density:NOT KNOWN

Spec Gravity:NOT KNOWN

Evaporation Rate & Reference:NOT KNOWN

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE PAINTED METAL CANISTER ASSEMBLY.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS SUCH AS OZONE, LIQUID OXYGEN, CHLORINE, PERMANGANATE, ETC.

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: CARBON MONOXIDE MAY BE GENERATED BY BURNING ASC CARBON INSIDE M18 FILTERS.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

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

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL

AL, STATE, AND LOCAL REGULATIONS. COORDINATE WITH SUPPORTING INSTALLATION AND/OR MACOM ENVIRONMENTAL OFFICE PRIOR TO DISPOSAL. WASTE MATERIAL SHOULD BE MANIFESTED AS D007 FOR EXTRACTABLE CHROMIUM (SUP DATA)

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