

# MSDS Material Safety Data Sheet

Wechem Inc.



Flash

MSDS Number: V750C

Revision Date: 06/29/06

Page 1 of 4

## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

Wechem, Inc  
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Product Name: Flash  
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## 2 HAZARDS IDENTIFICATION

Route of Entry: Eye, skin absorption, ingestion, inhalation  
Target Organs: NA  
Inhalation: Mists and/ or vapors can cause burns and/ or respiratory conditions.  
Skin Contact: Contains HF. Can cause burns which may not be immediately painful or visible.  
Eye Contact: Can cause burns  
Ingestion: Harmful or fatal if swallowed.

HMIS II-ratings (scale 0-4): Health = 3, Fire = 0, Reactivity = 1  
HMIS III-ratings (scale 0-4): Health = 3, Fire = 0, Physical Hazard = 1  
NFPA-ratings (scale 0-4): Health = 3, Fire = 0, Reactivity = 1

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
7664393	Hydrofluoric Acid *3PPM AS F (Airborne)	1-5	3*	3*	D



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Page 2 of 4

### 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Resuscitate if necessary. Get medical attention.  
**Skin Contact:** Wash with soap and water. If irritated, seek medical attention.  
**Eye Contact:** Flush with water for 15 minutes. If irritated, seek medical attention.  
**Ingestion:** Do not induce vomiting. Drink two large glasses of water. Get immediate medical attention.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** None to boiling  
**Flash Point Method:** TCC  
**Burning Rate:** ND  
**Autoignition Temperature:** ND  
**LEL:** ND  
**UEL:** ND  
**Flammability Classification:** ND

Extinguishing media: Foam, dry chemical, carbon dioxide, water

Special Fire fighting procedures: Self-contained breathing apparatus and protective clothing if needed.

Unusual Fire & Explosion Hazards: None

### 6 ACCIDENTAL RELEASE MEASURES

Absorb with suitable medium and place in a sound container. Rinse remaining residue with water.

### 7 HANDLING AND STORAGE

**Handling Precautions:** Corrosive material. Can cause burns which may not be immediately visible or painful. Handle all containers carefully.  
**Storage Requirements:** Corrosive material. Can cause burns which may not be immediately visible or painful. Handle all containers carefully. Keep out of reach of children.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Ventilation Requirement: Local exhaust  
**Protective Equipment:** HMIS PP, B | Goggles, Gloves  
Respiratory Protection: Proper ventilation to keep vapor concentration below TLV of components.  
Protective gloves: Neoprene gauntlet type  
Eye protection: Safety goggles with plastic lenses  
**Exposure Guidelines/Other:** Hygienic work practices: Wash with soap and water before handling food.



## Flash

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Page 3 of 4

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear reddish purple liquid	<b>Boiling Point:</b>	212 Deg. F.
<b>Physical State:</b>	Liquid	<b>Freezing/Melting Pt.:</b>	NA
<b>Odor:</b>	Acid	<b>Solubility:</b>	Complete
<b>pH:</b>	< 2	<b>Spec Grav./Density:</b>	(H2O=1): 1.02 +/- 0.05
<b>Vapor Pressure:</b>	ND		
<b>Vapor Density:</b>	(Air=1): ND		
<b>Heat Value:</b>	NA		
<b>VOC:</b>	NA		
<b>Evap. Rate:</b>	NA		
<b>Bulk Density:</b>	NA		
<b>Octanol:</b>	NA		
<b>Molecular Weight:</b>	NA		
<b>Particle Size:</b>	NA		
<b>Softening Point:</b>	NA		
<b>Viscosity:</b>	NA		
<b>Percent Volatile:</b>	NA		
<b>Sat. Vap. Concentrat.:</b>	NA		
<b>Molecular Formula:</b>	NA		

### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	Contact with alkaline, glass ceramic or other silica containing material.
<b>Materials to avoid (incompatibility):</b>	Glass, leather, concrete, certain metals, natural rubber and many organics
<b>Hazardous Decomposition products:</b>	Trace levels of hydrofluoric acid gas.
<b>Hazardous Polymerization:</b>	Will not occur

### 11 TOXICOLOGICAL INFORMATION

NA

### 12 ECOLOGICAL INFORMATION

NA

### 13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.



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Page 4 of 4

## 14 TRANSPORT INFORMATION

Proper Shipping Name: Corrosive Liquids, Toxic, N.O.S. (Hydrofluoric Acid) (Phosphoric Acid), 8, UN 2922, PGII

## 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Hydrofluoric acid (7664393 1-5%) CERCLA, CSWHS, EHS302, EPCRAWPC, HAP, MASS, NJEHS, NJHS, OSHAPSM, OSHAWAC, PA, SARA313, TOXICRCRA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

CERCLA = Superfund clean up substance  
CSWHS = Clean Water Act Hazardous substances  
EHS302 = Extremely Hazardous Substance  
EPCRAWPC = EPCRA Water Priority Chemicals  
HAP = Hazardous Air Pollutants  
MASS = MA Massachusetts Hazardous Substances List  
NJEHS = NJ Extraordinarily Hazardous Substances  
NJHS = NJ Right-to-Know Hazardous Substances  
OSHAPSM = OSHA Chemicals Requiring process safety management  
OSHAWAC = OSHA workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
SARA313 = SARA 313 Title III Toxic Chemicals  
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)  
TXAIR = TX Air Contaminants with Health Effects Screening Level  
TXHWL = TX Hazardous Waste List

## 16 OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. \*\* Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal Data only  
N/A = Not available N/D = Not determined

END OF MSDS DOCUMENT