CHEMFAX™
Manufacturer of Specialty Chemicals

Safety Data Sheet

Section 1. Identification		
Product Identifier	**Fallout Remover**	**Version: 7** **Effective Date: 18 July, 2017**
Other Means Of Identification	Not Applicable	
Initial Supplier Identifier	Chemfax Products Ltd. 11444 – 42 Street SE Calgary, AB T2C 5C4 Tel: 403-287-2055	
Recommend Use and Restrictions On Use	Removal of industrial fallout. No restrictions.	
Product Family	Blend	
24 Hour Emergency	Canutec (613) 996-6666	

Section 2. Hazard Identification	
Hazard Classification	
Physical Hazards	Corrosive to Metals – Category 1
Health Hazards	Acute Toxicity (Dermal) – Category 4 Acute Toxicity (Oral) – Category 4 Eye Damage/Irritation - Category 1 Skin Corrosion/Irritation – Category 2
Environmental Hazards	Hazardous to the Aquatic Environment – Short-Term (Acute) – Category 3 Hazardous to the Aquatic Environment – Long-Term (Chronic) – Category 3
Signal Word	Danger
Hazard Statement	May be corrosive to metals. Harmful in contact with skin. Harmful if swallowed. Causes serious eye damage. Causes skin irritation. Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.
Precautionary Prevention Statement	Keep in original packaging only. Wear protective gloves, protective clothing, and eye & face protection. Wash hands thoroughly after

	handling. Do not eat, drink, or smoke when using this product. Avoid release to the environment.
Precautionary Response Statement	Absorb spillage to prevent material damage. IF ON SKIN: Wash with plenty of water. If skin irritation occurs, seek medical attention. Remove contaminated clothing and launder before reuse. Call a doctor if you feel unwell. Specific treatment: Do not induce vomiting unless directed by medical personnel. IF SWALLOWED: Call a doctor if you feel unwell. Rinse mouth. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Precautionary Storage Statement	Store in a corrosive resistant container with a resistant inner liner.
Precautionary Disposal Statement	Dispose of contents/container in accordance with local regulations.
Other Hazards	None

Section 3. Composition / Information on Ingredients

Chemical Name	Common Name or Synonyms	CAS NO. and Other Unique Identifiers	% by weight
Oxalic Acid	Ethanedioic acid	144-62-7	1 – 5
Sulphamic Acid		5329-14-6	1 - 10
Balance of ingredients are considered non-hazardous and constitute a proprietary blend			

Section 4. First-Aid Measures

Eye Contact	Flush eyes with water for 15 minutes. Seek medical attention.
Skin Contact	Flush area with water. If irritation persists, seek medical attention. Launder clothing before reuse.
Inhalation	Remove victim to fresh air. If there is difficulty breathing, seek immediate medical attention.
Ingestion	Rinse out mouth, and give two glasses of water. Do not induce vomiting. Lay victim on left side to prevent aspiration of any vomit. Seek immediate medical attention.
Most Important Symptoms and Effects Both Acute and Delayed	Irritation, nausea, headache, and/or hortness of breath.

Immediate Medical Attention and Special Treatment	Treat symptomatically.

Section 5. Fire-Fighting Measures	
Suitable and Unsuitable Extinguishing Media	Use extinguishing media suitable for the surrounding fire.
Hazardous Combustion Products	Oxides of carbon, sulphur dioxide and trioxide, and potentially ammonia gas.
Specific Hazards Arising From the Product	Nitrogen and sulphur oxides.
Special Protective Equipment and Precautions For Fire-Fighters	Firefighters should wear self-contained breathing apparatus and full protective clothing. Use water spray to cool containers and structures exposed to fire.

Section 6. Accidental Release Measures	
Personal Precautions, Protective Equipment and Emergency Procedures	Gloves, coveralls, safety glasses Wash area with plenty of water. Neutralize with soda ash if required.
Environmental Precautions	Do not allow spilled material to enter surface drains and watercourses.
Methods and Materials for Containment and Clean-Up	Pump or soak up spilled material, place waste product in a suitable container for disposal. Wash area with water to remove residues.

Section 7. Handling and Storage	
Precautions For Safe Handling	Corrosive material. Handle with care.
Conditions For Safe Storage	Store in a cool dry place. Keep containers closed when not in use.

Section 8. Exposure Controls / Personal Protection				
Control Parameters	**TWA: 8 Hr**	**STEL: 15 min**	**Ceiling**	**IDLH ***
Oxalic acid (applicable for dust)	1 mg/m3 (ACGIH)	2 mg/m3 (ACGIH)		500 mg/m3
Sulphamic Acid	Not established			

	* Immediately Dangerous to Life and Health
Exposure Controls	Local exhaust ventilation
Appropriate Engineering Controls	Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.
Individual Protective Measures	Product is liquid, aerosol should not be inhaled
Eye / Face Protection	Safety glasses
Skin Protection	Chemical resistant (rubber/ neoprene) gloves, coveralls and footwear
Respiratory Protection	Respiratory protection should be worn if material is being sprayed.

Section 9. Physical and Chemical Properties	
Appearance	Clear, pale green liquid
Odour	Lime scent
Odour Threshold	Not data
pH	3 - 4
Flash Point	> 100 °C
Boiling Point and Boiling Range	No data
Melting Point and Freezing Point	No data
Evaporation Rate	No data
Flammability (solid, gas)	Not applicable
Upper and Lower Flammability or Explosive Limits	No data
Vapour Pressure	No data
Vapour Density	No data
Relative Density	1.04
Solubility	Soluble
Partition co-efficient, n-Octanol/Water	No data
Auto-ignition Temperature	No data
Decomposition Temperature	No data
Viscosity	No data

Section 10. Stability and Reactivity	
Reactivity	Reacts exothermically with bases. Reacts with exposure to water (moisture), and with some metals, thereby releasing highly flammable gases/vapours (i.e. hydrogen).
Chemical Stability	Stable

Possibility of Hazardous Reactions	Will not occur
Conditions to Avoid	None known
Incompatible Materials	Strong alkalis, oxidizing agents and metals
Hazardous Decomposition Products	This material will react with metals to produce hydrogen gas which can form explosive mixtures in air.

Section 11. Toxicological Information

Component Toxicity	**LD50 Oral**	**LD50 Dermal**	**LC50 Inhalation**
Oxalic Acid	7500mg/kg (Rat)	20g/kg (Rabbit)	
Sulphamic Acid	1.45 g/kg (Rat)		

Likely Routes of Exposure	
Skin:	May cause severe skin burns.
Eyes:	May cause severe burns and even permanent blindness.
Inhalation:	May cause severe irritation of the respiratory tract. Inhaling this material may be harmful or fatal.
Ingestion:	May cause burns and destroy tissue in the mouth, throat and digestive tract. Symptoms may include irritation of the digestive tract (nausea, vomiting and diarrhoea), abdominal pain and vomiting of blood. Ingestion may be fatal.
Acute Toxicity Estimates (ATE)	Not classified
STOT (Specific Target Organ Toxicity) – Single Exposure	Not classified
Aspiration Toxicity	Not classified
STOT (Specific Target Organ Toxicity) – Repeated Exposure	Not classified
Skin Corrosion / Irritation	Causes skin burns
Serious Eye Damage / Irritation	Causes eye damage
Respiratory or Skin Sensitization	Not classified
Carcinogenicity	This substance has no evidence of carcinogenic properties.
Reproductive Toxicity	
- **Sexual Function and Fertility**	Not classified

- **Development of Offspring**	Not classified
- **Effects on or via Lactation**	Not classified
Germ Cell Mutagenicity	Not classified
Interactive Effects	Not classified
Other Information	Not applicable

Section 12. Ecological Information	
Ecotoxicity	Oxalic acid – LC50: 4000 mg/L (Lepomis macrochirus) 24 hr Sulphamic acid – LC50: 14.2 mg/L (Pimephales promelas) 96 hr
Persistence and Degradability	No data
Bioacumulative Potential	Low potential for bioaccumulation (Log K_{ow} < 4).
Biodegradability	Not available
Mobility in Soil	Not available
Other Adverse Effects	Toxic to flora

Section 13. Disposal Consideration	
Disposal Consideration	Dispose of contents/container in accordance with local, provincial and national regulations.

Section 14. Transport Information	
UN Number	UN3265
UN Proper Shipping Name	Corrosive liquid, acidic, organic, N.O.S. (Sulphamic acid)
Transport Hazard Class(es)	8
Packaging Group	III
Environmental Hazards	Not applicable
Bulk Transport	Not applicable
Special Precaution	Not applicable
DOT Erg#	153

Section 15. Regulatory Information	
Canada – DSL Inventory	All components of this product are either on the Domestic Substances List (DSL), Non-Domestic Substances List (NDSL), or exempt

TSCA	All components of this product are either on the Toxic Substances Control Act (TSCA) Inventory List or exempt
Additional Information	None

Section 16. Other Information

NFPA Rating	Health-2/ Flammability-0/Reactivity-1/Special Hazard-Not applicable
HMIS Rating	Health-2/Flammability-0/Reactivity-1/Personal Protection-See Section 8.
Prepared by:	Chemfax Products Ltd., Technical Department
Date Prepared:	17 August, 2012
Date of Latest Revision: 18 July, 2017	

Disclaimer

Notice to reader

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