

Safety Data Sheet

PROTEC III: CHEM RX

SECTION 1. IDENTIFICATION

Product Identifier	Protec III: Chem RX
Other Means of Identification	N/A
Recommended Use	Use on concrete
Restrictions on Use	On colored concrete, always do a test area before application to observe any adverse effects.
Initial Supplier Identifier	Genesis Chemicals Ltd.
Emergency Telephone Number	+1 (587) 355-2219

SECTION 2. HAZARD IDENTIFICATION

Classification	N/A
Label Elements	N/A
Other Hazards	N/A

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Proprietary Formulation				

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation	Move victim to fresh air
Skin Contact	Flush skin thoroughly with water
Eye Contact	Flush eyes thoroughly with water
Ingestion	Dilute by drinking large quantities of water and milk
Most Important Symptoms and Effects, Acute and Delayed	Some eye irritation
Immediate Medical Attention and Special Treatment	N/A

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	
Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
Specific Hazards Arising from the Product	None
Special Protective Equipment and Precautions for Fire-Fighters	None

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Use appropriate protective equipment. Avoid skin and eye contact with material.
Methods for Containment and Cleaning Up	Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion and contact with skin, eyes and clothing. Close container when not in use.
Conditions for Safe Storage	Keep from freezing. Store in sealed containers in a dry, ventilated warehouse location above freezing.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
N/A				
N/A				

Notes	
Appropriate Engineering Controls	Use in ventilated area if possible.
Individual Protection Measures	
Eye/Face Protection	Chical goggles
Skin Protection	Rubber or neoprene gloves
Respiratory Protection	Use in a ventilated area where possible

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid light amber color
Odour	slight
Odour Threshold	n/a
pH	11.1
Melting Point and Freezing Point	n/a -6°C
Initial Boiling Point and Boiling Range	102°C n/a
Flash Point	n/a
Evaporation Rate	n/a
Flammability (solid, gas)	n/a
Upper and Lower Flammability or Explosive Limit	n/a
Vapour Pressure	n/a
Vapour Density (air = 1)	n/a
Relative Density (water = 1)	n/a
Solubility in Water	n/a
Solubility in Other Liquids	n/a
Partition Coefficient, n-Octanol / Water (Log Kow)	n/a
Auto-ignition Temperature	n/a
Decomposition Temperature	n/a
Viscosity	n/a

SECTION 10. STABILITY AND REACTIVITY

Reactivity	n/a
Chemical Stability	Yes
Possibility of Hazardous Reactions	n/a
Conditions to Avoid	Avoid contact with incompatible materials
Incompatible Materials	Acids, Ammonium Salts, Light Alloys
Hazardous Decomposition Products	Hydrogen

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity	
LC50	n/a
LD50 (oral)	n/a
LD50 (dermal)	n/a
Notes	
Skin Corrosion / Irritation	Slight Irritant
Serious Eye Damage / Irritation	Eye irritant
STOT (Specific Target Organ Toxicity) - Single Exposure	n/a
Aspiration Hazard	n/a
STOT (Specific Target Organ Toxicity) - Repeated Exposure	n/a
Respiratory and/or Skin Sensitization	n/a

Carcinogenicity no data for product

Chemical Name	IARC	ACGIH®	OSHA

Notes	
Reproductive Toxicity	
Development of Offspring	n/a
Sexual Function and Fertility	n/a
Effects on or via Lactation	n/a
Germ Cell Mutagenicity	n/a
Interactive Effects	n/a

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	No data for product.
Persistence and Degradability	n/a
Bioaccumulative Potential	n/a
Mobility in Soil	n/a
Other Adverse Effects	n/a

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods	Product: Recommended that it can be disposed of with rubble after solidification following consultation with the waste disposal facility operator according to state, territory, and/or local government regulations, pertinent authorities and adhering to the necessary technical regulations. Uncleaned Packaging: Recommended to be disposed of according to official regulations. Recommended cleaning agent is water if necessary.
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SECTION 14. TRANSPORT INFORMATION

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Not regulated					
HTS CODE 3824.40					

Special Precautions	n/a
Environmental Hazards	n/a
Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code	n/a

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations	n/a
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SECTION 16. OTHER INFORMATION

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*N/A means "not applicable"