

1. Chemical Product and Contact Information

Product Name: **Quell™ Desensitizer Plus**

Material Safety Sheet Number: **00153**

Date of Issue: 2/15/2001

Revision Date: 9/17/2001

Company Identification: *Pentron Clinical Technologies, LLC*
 P.O. Box 724
 Wallingford, CT U.S.A. 06492
 Phone: **800-551-0283**
 203-265-7397

Emergency Information Chemtrec: 800-424-9300

Chemtrec International: 202-483-7616

2. Composition/Information on Ingredients

Chemical characteristics: Aqueous solutions of calcium chloride and potassium phosphate with fluoride.

Description: Same as above.

Hazardous components:

CAS NR:	Name:	% R-classification:
7789 - 23 - 3	Potassium Fluoride	Unknown.

3. Hazard Identification

Risk identification: May be corrosive. Harmful if swallowed in large quantities.

Special risks for human beings and environment: Irritating to eyes and skin if prolonged contact.

Classification: Unknown.

4. First Aid Measures

General information:

After skin contact: Immediately wash skin with copious amounts of water.

After eye contact: Immediately flush eyes with plenty of water.

After swallowing: Rinse mouth with water. Consult a physician if needed.

5. Fire Fighting Measures

Extinguishing media: Non-combustible.

Protective equipment: No special equipment needed. Follow common practice.

6. Accidental Release Measures

Personal precautions: Unknown.

Environmental precautions: Incase of spillage, absorb with inert material. Collect in closed containers and dispose of as recommended. Avoid skin contact, wear protective equipment.

Methods for cleaning up: Incineration according to Federal, State and local regulations.

Additional information: Unknown.

7. Handling and Storage

Handling: Always handle with care. Do not get in eyes, or on skin.

Handling procedures: Use supplied brush tips for handling this material.

Recommendation for fire and explosion protection: None.

Storage: Keep tightly closed. Store in a cool place.

Requirements at storerooms and containers: Unknown.

Additional storage conditions: Unknown.

Storage classification: Unknown.

VBF- classification: Unknown.

8. Exposure Controls/Personal Protection

Additional information for technical plants:

Components with limits of values to be supervised at the workplace:

CAS-Nr.	Name	%	Art	Value	Unit

The product contains no relevant quantities of components with limits of values to be supervised at the workplace.

Additional information:

Personal protective equipment: Use chemical resistant gloves and chemical safety goggles.

General measure of protection and hygiene: Normal hygienic measures.

Respiration: Masks recommended.

Hands: Wear protective gloves.

Eyes: Avoid contact with eyes and wear OSHA approved goggles if necessary.

9. Physical and Chemical Properties

Appearance: Form: Liquid.
 Color: Clear.
 Odor: Odorless.

Information on change in the physical state

Melting point/melting range:

Boiling point/boiling range:

Flash point:

Autoignition temperature:

Danger of explosion:

Density:

Vapor pressure:

Viscosity:

pH:

Solubility in/miscibility with water:

Content of solvents:

Organic solvents:

Water:

Content of solids:

Value	Unit	Method
Not applicable.		
Not applicable.		
Not applicable.		
Not applicable.		
Unlikely.		
>1		
Unknown.		
Unknown.		
5 and 11 respectively.		
Yes.		
Water.		
None.		
Yes.		
>10%		

10. Stability and Reactivity

Incompatibility with other substances:

Stable. Incompatible with strong acids and oxidizing agents.

Hazardous decomposition products:

None.

11. Toxicological Information

Acute toxicity:

Primary irritation:

Skin:

Eye:

Additional toxicological information:

Sensitization of product:

Harmful if swallowed in large amounts.
 Skin.
 May cause burn on skin.
 May cause eye irritation.

Skin - Rabbit: > 4,640 mg/kg. (LD 50).

12. Ecological Information

General information:

Unknown.

Classification of water endangerment:

Unknown.

13. Disposal Considerations

Disposal consideration:

For small quantities, adjust pH to neutral. Flush down the drain with plenty of water.

14. Transport Information

Not classified as dangerous goods.

15. Regulatory information

Classification according to EEC guidelines:

Unknown.

National Prescriptions:

Unknown.

Classification according to VbF:

Unknown.

16. Other Information

The information and recommendations set forth herein (hereinafter "information") are presented in good faith and believe to be correct as of the date hereof. *Pentron* Clinical Technologies, LLC however, makes no representations as to the completeness or accuracy of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use. In no event will *Pentron* Clinical Technologies, LLC be responsible for damages of any nature whatsoever resulting from the use of or reliance upon information.

NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.