



MATERIAL SAFETY DATA SHEET

National Fire Protection Association (NFPA) Rating: Health: 1 Flammability: 0 Reactivity: 0 Special

TELEPHONE CONTACTS:

Product Technical and Medical Information: (800) 433-8871
Transportation Emergency 24-Hour Response (CHEMTREC): (800) 424-9300

PRODUCT IDENTIFICATION

Trade Name (as Labeled): **EXSEL® (Selenium Sulfide) 2% Lotion**

Manufacturer's Name: Allergan, Inc.

Address: 2525 Dupont Drive
Irvine, CA 92612

Date Prepared: June 20, 2001 (*Supersedes January 26, 1993*) Prepared By: A. Weiss

HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Percent (by weight)	Exposure Limits in Air ACGIH - TLV
Selenium Sulfide	7446-34-6	2.5%	0.2 mg/m ³ (as Selenium)
Titanium dioxide	13463-67-7	5.0%	10 mg/m ³

HAZARDS IDENTIFICATION AND FIRST AID

Emergency Overview: If product contacts eyes, wash thoroughly with water. Avoid contact with open lesions or irritated skin.

Primary Routes of Entry into the Body: Skin contact

Potential Health Effects Contact with eyes will result in eye irritation. Skin contact may result in irritation including allergic skin response.

Absorption through unbroken skin will not occur. Absorption is possible through skin lesions.

In the unlikely event an aerosol may be generated during use, inhalation may occur. This could result in respiratory irritation.

Medical Conditions Generally Aggravated by Exposure:

Persons with existing skin conditions such as irritation or open lesions, or with a sensitivity to any product ingredients, should avoid contact with this product.

Emergency First Aid Procedures:

Eye Contact:

Wash thoroughly with water. If irritation or reddening develop, seek medical attention.

Skin Contact:

Rinse with water. If irritation occurs, seek medical attention.

Inhalation:

If respiratory irritation develops, seek medical attention.

Ingestion:

In the unlikely event of ingestion, seek prompt medical assistance. Induce vomiting.

FIRE FIGHTING MEASURES

Flash Point °F (Method):

No data for this product.

Fire-Extinguishing Materials:

Water fog, CO₂, foam, carbon dioxide, or dry chemicals

Specific Firefighting Procedures:

Use self-contained breathing apparatus in enclosed or confined spaces or as otherwise needed.

Unusual Fire and Explosion Hazards:

Combustion products of selenium and sulfur are toxic.

SAFE HANDLING MEASURES

Steps to be Taken if Material is Spilled or Released:

Flush spill area with water into sanitary waste system.

Waste Disposal Methods:

Dispose of according to Federal, State and/or local regulations.

Precautions to be Taken in Handling and Storage:

Store away from heat.

Carcinogenicity:

NTP has determined that selenium sulfide shows evidence of carcinogenicity. Carcinogenic effects have been demonstrated in experimental animals after ingestion of selenium sulfide.

EXPOSURE CONTROL

Engineering Controls:

Not applicable

Respiratory Protection:

Not applicable; aerosol formation is extremely unlikely.

Eye Protection:

Use splash goggles.

Protective Clothing:

Use latex gloves to avoid skin contact.

Hygienic Work Practices:

Wash hands after handling. No eating, drinking or smoking in area while working with this product.

PHYSICAL AND CHEMICAL PROPERTIES

Vapor Density (Air = 1):	No data for this product
Specific Gravity:	1.12
Solubility in Water (Water = 1):	Dispersible in water
Stability in Water:	Stable
Vapor Pressure (mm Hg at 20 °C):	Approximately that of water
Appearance and Odor:	Orange-beige, opaque viscous suspension with citrus scent.

REACTIVITY DATA

Stability:	Stable
Materials to Avoid:	Store away from heat.
Hazardous Polymerization:	None known.
Hazardous Decomposition Products:	Combustion can result in products of selenium and sulfur being formed which can be toxic.

The preceding information is based on available data and is believed to be correct. However, no warranty is expressed or to be implied regarding the accuracy of this information, the results to be obtained from the use thereof, or the hazards connected with the use of the material. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of its use. This information is furnished upon the condition that the persons receiving it shall make their own determinations of the effects, properties, and protections which pertain to their particular conditions.