MATERIAL SAFETY DATA SHEET

ASH STEVENS INC.

5861 John C. Lodge Freeway
Detroit, Michigan 48202

SECTION I. MATERIAL IDENTIFICATION

Common Name: **Chemical Name:** 17-Demethoxy-17-allyl-amino geldanamycin in DMSO	**NSC Number:** D330507
Molecular Weight: 585.71	**Molecular Formula:** $C_{31}H_{43}N_3O_8$

SECTION II. INGREDIENTS AND HAZARDS

Ingredient Name	Exposure Limits	Other Limits Suggested	Percent
NSC D330507	Not yet established	N/A	>99%

SECTION III. PHYSICAL DATA

Appearance and Odor Reddish violet powder/odorless	**Melting Point** 212-214 °C
Solubility Water: Insoluble Ethanol: > 3 mg/mL Dimethylformamide: > 5 mg/mL Dimethyl sulfoxide: > 5 mg/mL.	**Boiling Point** Unknown

SECTION IV. FIRE AND EXPLOSION DATA

Flash Point: Unknown	**Autoignition Temperature:** Unknown
Flammability Limits: LEL% Unknown	**UEL%:** Unknown

Extinguishing Media: Water, carbon dioxide, or dry chemical as appropriate to the surrounding fire.

Unusual Fire or Explosion Hazard: No unusual fire or explosion hazard is known to exist.

Special Fire-fighting Procedures: Evacuate personnel to a safe area. Fire fighters should use protective clothing and a self-contained breathing apparatus.

Hazardous Combustion Products: Thermal decomposition may yield carbon monoxide and other toxic substances. Since specific products of combustion are unknown, as a precaution, assume they are hazardous.

SECTION V. REACTION DATA

Compound Stability: Material is stable under most conditions. Hazardous polymerization is not known to occur.

Chemical Incompatibilities: No unusual chemical incompatibilities are known to exist.

Conditions To Avoid: No conditions contributing to instability are known to exist.

Hazardous Decomposition Products: Since products of decomposition are not known, as a precaution, assume they are hazardous.

SECTION VI. HEALTH HAZARD INFORMATION

Summary of Risks: The carcinogenicity and tetratogenicity of NSC D330507 are unknown.

Primary Entry Routes: Inhalation, ingestion, and skin and/or eye contact.

Target Organs: The target organs of toxicity are not known at this time. **

Medical Conditions Which May Be Aggravated By Contact: Unknown

Signs and Symptoms of Overexposure: The effects of overexposure to this drug in the workplace are not known at this time.

Acute Effects: Unknown | **Chronic Effects:** Unknown

For Eye Contact: Immediately flush eyes with copious amounts of water for at least 15 minutes. Consult an ophthalmologist.

For Skin Contact: Remove contaminated clothing. Wash skin with plenty of soap and water. Consult a physician. Chemically decontaminate clothing and then launder before reuse or incinerate.

For Inhalation: Remove victim promptly to clean air. Administer artificial respiration if victim is not breathing. If breathing is difficult give oxygen. Consult a physician.

For Ingestion: Remove residual drug. Consult a physician. Provide supportive treatment. No specific antidote exists.

SECTION VII. SPILL, LEAK AND DISPOSAL PROCEDURES

Spill/Leak Cleanup Procedures: Evacuate area. Wear self-contained breathing apparatus, rubber boots, and heavy rubber gloves. Wear disposable coveralls and discard after use. Avoid raising aerosols by promptly covering the spilled compound with wet paper towels. Pick up compound with additional towels, place in a bag, and hold for waste disposal. Ventilate area and wash spill site after compound pick-up is complete. Dispose of contaminated clean-up materials properly.

Waste Management/Disposal: Incineration, at a temperature not less than 1000°C, is the recommended method of disposal. Observe all Federal, state, and local laws concerning the disposal of hazardous material or waste.

** In preclinical animal model, the target organs of acute toxicity are intestines and liver.

SECTION VIII. SPECIAL PROTECTION INFORMATION

Personal Protective Equipment:

Goggles: Wear chemical safety goggles when handling.
Gloves: Wear rubber or latex gloves when handling.
Respirator: Wear NIOSH-MSHA approved respirator.
Other: Wear protective laboratory coat.

Workplace Considerations:

Ventilation: Laboratory operations should be conducted in a chemical fume hood, glove box, or ventilated cabinet equipped with mechanical exhaust to the outside.

Safety Stations: Safety showers and eye bath should be accessible.

THE PERSONAL PROTECTION EQUIPMENT LISTED ABOVE SHOULD BE WORN AT ALL TIMES WHEN HANDLING NSC D330507 , AVOID CONTACT AND INHALATION. AVOID PROLONGED OR REPEAT EXPOSURE. WASH THOROUGHLY AFTER HANDLING.

SECTION IX. SPECIAL PRECAUTIONS

Storage Segregation: Appears stable at room temperature; recommend storage in refrigerator.

Other Precautions: The user should be made aware that NSC D330507 is an investigational substance. Handling as solids or solutions should be carried out with extreme care to avoid personal exposure. Hazards associated with exposure to NSC D330507 may as yet be unknown. This material should be handled only by those trained in the handling of potentially hazardous material.

Emergency Telephone Number: (313) 872-6400	Date Prepared: July 24, 1995

Egg Phospholipids 1565

DIN safety data sheet

Company LIPOID, Frigenstr. 4, 67065 Ludwigshafen

Commercial product name LIPOID E 80

1.1 Chemical characterization:
Fatfree agglecithin with 80 % phosphatidyl choline.

1.2 Form: agglomerates 1.3 Colour: yellow 1.4 Odour: typical

Tested in accordance wi

2 Physical data and safety data

2.1	Change in physical state			°C °C
2.2	Density Bulk density	(20 °C)	approx. 1	g/cm³ kg/m³
2.3	Vapour pressure	(°C) (°C)		mbar mbar
2.4	Viscosity	(°C)		
2.5	Solubility in water in	(20 °C) (°C)	dispersible	g/l g/l
2.6	pH value (at g/l H_2O)	(°C)	4-6	
2.7	Flash point			°C
2.8	Ignition temperature			°C
2.9	Explosion limits	Lower:	Upper:	
2.10	Thermal decomposition	above 200°C		
2.11	Hazardous decomposition products	none		
2.12	Hazardous reactions			
2.13	Further information	not a hazardous product.		

3 Transport GGVSee/IMDG code: UN No.: ICAO/IATA-DGR:
GGVE/GGVS: RID/ADR: ADNR:
Other information:
not a hazardous product

4 Regulations

for NCI diluent
EPL Diluent
NSC 7nuser

Commercial product name LIQUID E 80

5 Protective measures, storage and handling

5.1 Technical protective measures

keep container closed

5.2 Personal protective equipment — Respiratory protection: — Hand protection: — Eye protection: — Other:

no particular protection required

5.3 Industrial hygiene

change dirty clothes

5.4 Protection against fire and explosion

Do not expose to direct strong heat or open fire

5.5 Disposal like other food products

6 Measures in case of accidents and fires

6.1 After spillage / leakage / gas leakage

absorb spill with inert material and discard properly

6.2 Extinguishing media Suitable: water, foam, CO_2

Not to be used:

6.3 First aid

6.4 Further information

7 Information on toxicity

$LD_{50} \geq 2000$ mg/kg

8 Information on ecological effects

biologically decomposable

9 Further information