

BIO-TEK INC. -- 134 HI-SOLV

=====  
MSDS Safety Information  
=====

FSC: 6850  
NIIN: 01-244-3207  
MSDS Date: 01/01/1999  
MSDS Num: BGRGF  
Product ID: 134 HI-SOLV  
MFN: 01  
Responsible Party  
Cage: 59557  
Name: BIO-TEK INC.  
Address: 4680 ALVARADO CANYON ROAD 575  
Box: 600094  
City: SAN DIEGO CA 92  
160-0094  
Info Phone Number: 619-286-1786/619-425-2989(FAX)  
Emergency Phone Number: 619-286-1786

=====  
Item Description Information  
=====

Item Manager: S9G  
Item Name: CLEANING COMPOUND,SOLVENT  
Specification Number: NONE  
Type/Grade/Class: NONE  
Unit of Issue: DR  
Quantitative Expression: 00000000055GL  
UI Container Qty: 0  
Type of Container: PPP-D-729

=====  
Ingredients  
=====

Name: \*\*\* PROPRIETARY \*\*\*  
-----

=====  
Health Hazards Data  
=====

LD50 LC50 Mixture: LD50 (ORAL RAT) IS UNKNOWN  
Route Of Entry Inds - Inhalation: NO  
Skin: NO  
Ingestion: NO  
Carcinogenicity Inds - NTP: NO  
IARC: NO  
OSHA: NO  
Effects of Exposure: ACUTE: SKIN: PROLONGED EXPOSURE MAY LEAD TO DEFATING.  
EYES

: SLIGHT IRRITATION. INGESTION: POSSIBLE NAUSEA.

Explanation Of Carcinogenicity: MFR LISTED NO INFORMATION ABOUT THE CARCINOGENICITY OF THIS MATERIAL. DOES NOT EXPECT IT TO BE CARCINOGENIC.

Signs And Symptoms Of Overexposure: SKIN:PROLONGED EXPOSURE MAY LEAD TO DEFATTING. EYE:SLIGHT IRRITANT. INGESTION:POSSIBLE NAUSEA.

Medical Cond Aggravated By Exposure: NO INFORMATION GIVEN BY MFR ON MSDS.

First Aid: SKIN:WASH WITH SOAP AND WATER. EYE:FLUSH WITH WATER. INGESTION:DO NOT INDUCE VOMITING.

CALL PHYSICIAN.

=====  
Handling and Disposal  
=====

Spill Release Procedures: RECOVER FREE LIQUID - USE INERT GREASE ABSORBENT MATERIAL.

Neutralizing Agent: NO INFORMATION GIVEN BY MFR ON MSDS.

Waste Disposal Methods: INCINERATE ABSORBED MATERIAL. LARGE SPILL:ASSURE CONFORMITY WITH APPLICABLE GOVERNMENTAL REGULATIONS. DO NOT ALLOW TO ENTER SEWERS OR WATERWAYS.

Handling And Storage Precautions:

KEEP CONTAINERS CLOSED AND AWAY FROM HIGH HEAT AND OPEN FLAME.

Other Precautions: IF TRANSFERRING MECHANICALLY BE SURE TO GROUND CONTAINER.

=====  
Fire and Explosion Hazard Information  
=====

Flash Point Method: PMCC

Flash Point: =97.8C, 208.F

Lower Limits: 0.6

Upper Limits: 6.5

Extinguishing Media: FOAM,DRY CHEMICAL, CO2, WATER SPRAY OR FOG.

Fire Fighting Procedures: COOL EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard: "EMPTY CONTAINERS" SHOULD NOT BE CUT, WELDED, BRAZED OR EXPOSED TO HIGH HEAT OR FLAME.

=====  
Control Measures  
=====

Respiratory Protection: NOT NORMALLY NEEDED.

Ventilation: NOT NORMALLY NEEDED

Protective Gloves: NOT NORMALLY NEEDED

Eye Protection: NOT NEEDED

Other Protective Equipment: NOT NORMALLY NEEDED

Work Hygienic Practices: NONE PROVIDED BY MFR.

Su

pplemental Safety and Health: NONE PROVIDED BY MFR.

=====  
Physical/Chemical Properties  
=====

HCC: V6  
NRC/State LIC No: NONE  
B.P. Text: 432 TO 580 DEG F  
Vapor Pres: &lt;0.1 MM/HG @ 20 DEG C  
Vapor Density: 5.19(AIR=1)  
Spec Gravity: 0.801 (H2O=1)  
Viscosity: 4.95 CST @ 25 DEG C  
Solubility in Water: 0.01  
Appearance and Odor: CLEAR COLORLESS LIQUID/VIRTUALLY ODORLESS.  
Percent Volatiles by Volume: 100  
==

=====  
Reactivity Data  
=====

Stability Indicator: YES  
Stability Condition To Avoid: NONE PROVIDED BY MFR.  
Materials To Avoid: STRONG OXIDIZERS.  
Hazardous Decomposition Products: POSSIBLE CARBON MONOXIDE IN CASE OF  
INCOMPLETE COMBUSTION.  
Hazardous Polymerization Indicator: NO  
Conditions To Avoid Polymerization: WILL NOT OCCUR.

=====  
Toxicological In  
formation  
=====

=====  
Ecological Information  
=====

=====  
MSDS Transport Information  
=====

Transport Information: NOT REGULATED FOR TRANSPORTATION.  
=====

=====  
Regulatory Information  
=====

=====  
Other Information  
=====

=====  
Transportation Information  
=====

Responsible Party Cage: 59557  
Trans ID NO: 117964  
Product ID: 134 HI-SOLV  
MSDS Prepared Date: 01/01/1999  
Review Date: 09/05/1999  
MFN: 1  
Net Unit Weight: 366.4 LBS  
Multiple KIT Number: 0  
Review

IND: Y  
Unit Of Issue: DR  
Container QTY: 0  
Type Of Container: PPP-D-729  
Additional Data: PER MSDS NOT REGULATED FOR TRANSPORTAION.

=====  
Detail DOT Information  
=====

DOT PSN Code: ZZZ  
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
Detail IMO Information  
=====

IMO PSN C  
ode: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
=====

=====  
Detail IATA Information  
=====

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
Detail AFI Information  
=====

AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULAT  
ED BY THIS MODE OF TRANSPORTATION  
=====

=====  
HAZCOM Label  
=====

Product ID: 134 HI-SOLV  
Cage: 59557  
Company Name: BIO-TEK INC.  
Street: 2533 N CARSON ST SUITE 2012  
City: CARSON CITY NV  
Zipcode: 89706  
Health Emergency Phone: 619-286-1786  
Label Required IND: Y  
Date Of Label Review: 09/05/1999  
Status Code: C  
MFG Label NO: NONE  
Label Date: 07/27/1995  
Year Procured: 1999  
Origination Code: F  
Eye Protection I

ND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard: Slight

Reactivity Hazard: None

Hazard And Precautions: \*\*TARGET ORGANS:UNKNOWN \*\* ACUTE: SKIN: PROLONGED EXPOSURE MAY LEAD TO DEFATING. EYES: SLIGHT IRRITAION. INGESTION: POSSIBLE NAUSEA. FRIST AID:- SKIN:WASH WITH SOAP AND WATER. EYE:FLUSH WITH WATER . INGESTION:DO NOT INDUCE VOMITING. CALLPHYSICIAN. KEEP CONTAINERS CLOSED AND AWAY FROM HIGH HEAT AND OPEN FLAME. IN CASE OF SPILL: RECOVER FREE LIQUID - USE INERT GREASE ABSORBENT MATERIAL.

=====  
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.