

ECHO ULTRASOUND INC SUB OF JOHNSON & JOHNSON * -- ULTRAGEL II -- 6850-01-157-4348
===== Product Identification =====

Product ID:ULTRAGEL II
MSDS Date:08/01/1991
FSC:6850
NIIN:01-157-4348
MSDS Number: BGPHZ
=== Responsible Party ===
Company Name:ECHO ULTRASOUND INC SUB OF JOHNSON & JOHNSON *
Address:RT 4 *
Box:552 *
City:LEWISTOWN *
State:PA
ZIP:17044-9804
Country:US
Info Phone Num:717-248-4993 *
Emergency Phone Num:717-248-4993 *
CAGE:57869
=== Contractor Identification ===
Company Name:ECHO ULTRASOUND INC SUB OF JOHNSON & JOHNSON
Address:1 ECHO DR
Box:City:REEDSVILLE
State:PA
ZIP:17044-9772
Country:US
Phone:717-248-4993/800-233-0261
CAGE:57869

===== Composition/Information on Ingredients =====

Ingred Name:WATER *
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: N/K *
Other REC Limits:NONE SPECIFIED *
OSHA PEL:NOT ESTABLISHED *
ACGIH TLV:NOT ESTABLISHED *

Ingred Nam

e:PROPYLENE GLYCOL
CAS:57-55-6
RTECS #:TY2000000
Other REC Limits:NONE SPECIFIED

Ingred Name:GLYCERIN *
CAS:56-81-5
RTECS #:MA8050000
Other REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3 (MIST) *
ACGIH TLV:10 MG/M3 (MIST) 9192

Ingred Name:DIPROPYLENE GLYCOL METHYL ETHER *
CAS:34590-94-8
RTECS #:JM1575000
Other REC Limits:NONE SPECIFIED
OSHA PEL:S,100PPM/150STEL *
ACGIH TLV:S,100PPM/150STEL9192

Ingred Name:TRIETHANOLAMINE
CAS:102-71-6
RTECS #:KL9275000
Other REC Limits:NONE SPECIFIED

Ingred Name
:CARBOXY POLYMETHYLENE
CAS:9007-20-9
Other REC Limits:NONE SPECIFIED

Ingred Name:CORROSION INHIBITOR
Other REC Limits:NONE SPECIFIED

Ingred Name:PRESERVATIVES
Other REC Limits:NONE SPECIFIED

Ingred Name:SURFACTANT(S) - TYPE NOT SPECIFIED
Other REC Limits:NONE SPECIFIED

Ingred Name:DYE (PROPRIETARY)
Other REC Limits:NONE SPECIFIED

Ingred Name:ODORANT
Other REC Limits:NONE SPECIFIED

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 5 G

/KG

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE TRMPORARY EYE IRRITATION. CHRONIC: NONE EXPECTED. *

Explanation of Carcinogenicity:NOT APPLICABLE *

Effects of Overexposure:EYE IRRITATION. *

Medical Cond Aggravated by Exposure:NONE DETERMINED.

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===== First Aid Measures =====

First Aid:SKIN: WASH AFFECTED AREA WITH WATER. EYES: FLUSH WITH WATER

FOR 15 MIN. INHALATION: N/A INGESTION: IF LARGE QUANTITIES ARE SWALLOWED, INDUCE VOMITING AND CALL A PHYSICIAN. *

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===== Fire Fighting Measures =====

Flash Point:NONE *

Autoignition Temp:Autoignition Temp Text:NONE

Lower Limits:N/A *

Upper Limits:N/A *

Extinguishing Media:NONFLAMMABLE, USE MEDIA SUITABLE FOR SURROUNDING FIRE

Fire Fighting Procedures:NONFLAMMABLE. USE PROCEDURES SUITABLE FOR SURROUNDING FIRE.

Unusual Fire/Explosion Hazard:NONE S
PECIFIED BY MANUFACTURER.

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===== Accidental Release Measures =====

Spill Release Procedures:COLLECT FOR DISPOSAL. SPILLS SHOULD BE WASHED AWAY IMMEDIATELY. RESIDUE MAY BE SLIPPERY.

Neutralizing Agent:DILUTE WITH WATER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE BETWEEN 30 AND 140 DEG F.

Other Precautions:NONE

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===== Exposure Controls/Personal Protection =====

Respiratory Protecti

on:NONE NORMALLY REQUIRED.

Ventilation:NONE NORMALLY REQUIRED. *

Protective Gloves:RUBBER GLOVES IF SKIN IS SENSITIVE.

Eye Protection:SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:NONE NORMALLY REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES.

LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE. KEEP WORK AREA CLEAN.

Supplemental Safety and Health

MSDS RECEIVED FROM AIR FORCE; TINKER AFB.

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===== Physical/Chemical Properties =====
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HCC:N1

Boiling Pt:B.P. Text:>212F,>100C

Melt/Freeze Pt:M.P/F.P Text:N/K *

Decomp Temp:Decomp Text:N/K *

Vapor Pres:35 - 70 *

Vapor Density:N/A *

Spec Gravity:1.04 *

pH:7-8 *

Viscosity:GEL

Evaporation Rate & Reference:N/A *

Solubility in Water:COMPLETE *

Appearance and Odor:LIGHT BLUE GEL, BLAND ODOR. *

Percent Volatiles by Volume:N/K *

Corrosion Rate:N/K *

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===== Stability and Reactivity Data =====
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Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY M

ANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE KNOWN *

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===== Disposal Considerations =====
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Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

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