

MATERIAL SAFETY DATA SHEET

TITAN INDUSTRIAL CHEMICALS LLC GROVER, MO. 63040 EMERGENCYPHONE: 877-273-9030

EFFECTIVE DATE:3-11-08

PRODUCT CODE:439

PRODUCT NAME:"REVITALIZE"

MSD:439

HAZARDOUS INGREDIENTS (TYPICAL VALUES -- NOT SPECIFICATION)

DEG METHYL ETHER; CAS# 111-77-3; ACGIH TLV 1ppm; OSHA PEL N/E

DIBUTYL PHTHALATE; CAS# 84-74-2; ACGIH TLV 5MG/M3; OSHA PEL 5 MG/M3.

Section 1

Boiling Point:200 F.

Vap. Press. (mmHg @ 25°C):NA

Vap. Density (Air = 1):<1

pH: 8.5-9.0

EVAP. RATE (B-ACETATE=1): <1

Appearance and Odor:MEDIUM VISCOSITY, MILKY LIQUID.

Physical Data

Sol. In Water:COMPLETE

Sp. Gravity (@25/25°C):1.010

% Volatile by Volume:92.5% incldg. H2O

Section 2

Flash Point:NONE

N/Method Used:

Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Special Fire Fighting Equipment and Hazards:NONE ARE EXPECTED TO BE REQUIRED. IF THIS MATERIAL IS INVOLVED IN FIRE WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.

Fire and Explosion Hazard Data

Flammable Limits:

LFL (% Vol):

UFL (% Vol):

Section 3

Stability:STABLE

Incompatibility:STRONG OXIDIZERS.

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, UNIDENTIFIED ORGANIC COMPOUNDS.

Hazardous Polymerization:WILL NOT OCCUR.

Reactivity Data

Section 4

Action to be taken for Spills (Use Appropriate Safety Equipment):ABSORB WITH INERT MATERIAL AND TRANSFER TO CONTAINER FOR DISPOSAL. FLUSH REMAINDER WITH WATER.

Disposal Method:CONSULT FEDERAL,STATE AND LOCAL REGULATIONS.

Spill, Leakage, and Disposal Procedures

Section 5 Health Hazard Data -- Effect of Overexposure

Ingestion:MAY CAUSE GASTROINTESTINAL IRRITATION.

Eye Contact:MAY CAUSE MODERATE EYE IRRITATION.

Skin Contact:PROLONGED OR REPEATED EXPOSURE MAY CAUSE MILD SKIN IRRITATION.

Skin Absorption:NOT LIKELY TO OCCUR.

Inhalation:IF USED IN NON-VENTILATED AREA, MAY CAUSE DIZZINESS AND/OR NAUSEA.

First Aid

Eyes:FLUSH EYES WITH LARGE AMOUNTS OF WATER HOLDING UPPER AND LOWER LIDS OPEN. CONSULT A PHYSICIAN IF ANY IRRITATION IS EVIDENT.

Skin:WASH WITH SOAP AND WATER. IF IRRITATION DEVELOPS CONSULT A PHYSICIAN.

Inhalation:REMOVE PERSON TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF UNCONSCIOUS GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION.

Ingestion:DRINK LARGE QUANTITY OF WATER AND INDUCE VOMITING BY TOUCHING FINGER TO BACK OF THROAT. KEEP HEAD BELOW KNEES TO PREVENT ASPIRATION OF MATERIAL INTO THE LUNGS. GET MEDICAL ATTENTION.

SUPPLEMENTAL HEALTH INFORMATION ACUTE TOXICITY DATA

Eyes:

Skin:

Respiratory:

Oral:

CARCINOGENICITY: NTP: NO IARC: NO OSHA REGULATED: YES- DIBUTYL PHTHALATE.

Section 7

Special Handling Information

Ventilation:USE IN WELL-VENTILATED AREA.

Respiratory Protection:NONE REQUIRED UNDER NORMAL USE CONDITIONS.

Protective Clothing:WEAR IMPERVIOUS GLOVES SUCH AS RUBBER OR NEOPRENE.

Eye Protection:SAFETY GLASSES WITH SIDE SPLASH

GUARDS.

Section 8

Special Precautions and Additional Information

Precautions to be Taken in Handling and Storage:TO MAXIMIZE PRODUCT SHELF-LIFE STORE AWAY FROM HEAT AND SUNLIGHT AND KEEP CONTAINER TIGHTLY CLOSED. TREAT EMPTY CONTAINERS AS IF THEY WERE FULL DUE TO PRESENCE OF PRODUCT RESIDUE.

Additional Information:HMIS...1,0,1,B

SECTION 9 D.O.T. SHIPPING INFORMATION

PROPER SHIPPING NAME:LIQUID FLOOR FINISH, N.O.S. HAZARD CLASS: NONE

LABEL REQUIREMENTS: NONE ID NO.: NOT APPLICABLE EMERGENCY RESPONSE GUIDE NO.: NOT APPLICABLE

SECTION 10 ENVIRONMENTAL INFORMATION

RCRA WASTE NO.:DIBUTYL PHTHALATE U069

REPORTABLE QUANTITY (CERCLA):DIBUTYL PHTHALATE 10#; NFPA:1,0,1

THRESHOLD PLANNING QUANTITY: SARA TITLE III, SEC. 313: DIBUTYL PHTHALATE >1%, DEG METHYL ETHER >1%

CONSULT TITAN INDUSTRIAL CHEMICALS LLC. FOR FURTHER INFORMATION.

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