

DEN-TAL-EZ INC STAR DENTAL PRODUCTS DIV -- DENTALUBE CFC-FREE,61818 -- 6520-01-161-1946

===== Product Identification =====

Product ID:DENTALUBE CFC-FREE,61818

MSDS Date:10/11/1993

FSC:6520

NIIN:01-161-1946

MSDS Number: CFFGV

== Responsible Party ==

Company Name:DEN-TAL-EZ INC STAR DENTAL PRODUCTS DIV

Address:1816 COLONIAL VILLAGE LN

City:LANCASTER

State:PA

ZIP:17601

Country:US

Info Phone Num:717-291-1161

Emergency Phone Num:717-291-1161

CAGE:6J041

== Contractor Identification ==

Company Name:DEN-TAL-EZ DENTAL PRODUCTS INC,STAR DENTAL DIV

Address:1816 COLONIAL VILLAGE LANE

Box:City:LANCASTER

State:PA

ZIP:17601

Country:US

Phone:717-291-1161

CAGE:57078

Company Name:DEN-TAL-EZ INC STAR DENTAL PRODUCTS DIV

Address:1816 COLONIAL VILLAGE LN

City:LANCASTER

State:PA

ZIP:17601

Country:US

CAGE:6J041

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

Ingred Name:N-HEPTANE

CAS:142-82-5

RTECS #:MI7700000

Other REC Limits:None RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:400 PPM/500STEL;9596

Ingred Name:PETROLEUM LUBE OIL (COMPLEX MIXTURE)

Other REC Limits:None RECOMMENDED

Ingred Name:CARBON DIOXIDE

CAS:124-38-9

RTECS #:FF6400000

Other REC Limits:None RECOMMENDED

OSHA PEL:5000 PPM

ACGIH TLV:5000PPM/30000STEL;96

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

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

Reports of Carcinogenicity:NTP:No IARC:No OSHA:No

Health Hazards Acute and Chronic:TARGET ORGANS:LUNGS, EYES, SKIN, CNS.

ACUTE- MAY CAUSE EYE IRRITATION. PROLONGED/REPEATED SKIN CONTACT

MAY CAUSE IRRITATION, DEFATTING. INHALATION MAY CAUSE IRRITATION,

CNS EFFECTS, POSSIBLY DEATH. INGESTION MAY CAUSE VOMITING.

ASPIRATION HAZARD. CHRONIC- MAY CAUSE DERMATITIS.

Explanation of Carcinogenicity:None

Effects of Overexposure:IRRITATION, HEADACHE, DIFFICULTY IN BREATHING, NAUSEA, VOMITING, DIZZINESS, FATIGUE, CONFUSION, DERMATITIS, BLURRED VISION, TEARING, DEATH

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NECESSARY. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, RINSE OUT

MOUTH WITH WATER. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:FLAMMABLE AEROSOL

Lower Limits:0.9

Upper Limits:11.6

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE. COOL FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:SPRAY CANS UNDER PRESSURE AND FLAMMABLE. EXPLOSION HAZARD EXISTS WHEN SPRAY CANS HEATED. DO NOT ENTER SPRAY CAN STORAGE AREA IF FIRE PRESENT.

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

Spill Release Procedures:VENTILATE AREA. REMOVE IGNITION SOURCES.

LEAKING CONTAINERS SHOULD BE PLACED OUTDOORS, IN AN OPEN CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO DISSIPATE. ABSORB LIQUID WITH NON-FLAMMABLE ABSORBENT AND PLACE IN CONTAINER FOR DISPOSAL.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE SPRAY CANS IN COOL, WELL VENTILATED AREAS AWAY FROM SOURCES OF IGNITION, STRONG OXIDIZING AGENTS & SUNLIGHT.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND MAY BE DANGEROUS. FOLLOW ALL LABEL INSTRUCTIONS. AVOID REPEATED/PROLONGED SKIN CONTACT. KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE VAPORS. DO NOT SPRAY TOWARD FACE/HOT SURFACES. WASH AFTER HANDLING.

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

Respiratory Protection:IF TLV IS EXCEEDED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:BUTYL FOR REPEATED CONTACT

Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:V3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:201F - 250F

Vapor Density:>1

Spec Gravity:0.92

Viscosity:NOT KNOWN

Evaporation Rate & Reference:>1 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR ORANGE LIQUID - SLIGHT ODOR

Percent Volatiles by Volume:88

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES, DIRECT SUNLIGHT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE SPRAY CANS EVEN AFTER USE. DO NOT FLUSH INTO DRAINS. RECYCLING OR INCINERATION IS RECOMMENDED.

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