

DIXON TICONDEROGA COMPANY -- ANTISIEZE -- 8030-00-407-7507

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

Product ID:ANTISIEZE

MSDS Date:02/01/1987

FSC:8030

NIIN:00-407-7507

MSDS Number: BHJSY

=== Responsible Party ===

Company Name:DIXON TICONDEROGA COMPANY

Address:756 BEACHLAND BLVD

Box:3504

City:VERO BEACH

State:FL

ZIP:32964

Country:US

Info Phone Num:201-657-2255 OR 800-824-9430

Emergency Phone Num:201-657

-2255 OR 800-334-5276

CAGE:72657

=== Contractor Identification ===

Company Name:DIXON TICONDEROGA CO

Address:756 BEACHLAND BLVD

Box:3504

City:VERO BEACH

State:FL

ZIP:32964

Country:US

CAGE:72657

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

Ingred Name:GRAPHITE, NATURAL

CAS:7782-42-5

RTECS #:MD9659600

Fraction by Wt: 25.0%

OSHA PEL:15 MPPCF RDUST

ACGIH TLV:2 MG/M3 RDUST; 9293

Ingred Name:MINERAL OIL (EXPOSURE REGULATED AS 'OIL MIST')

CAS:8012-95-1

RTECS #:PY8030000

Fract

ion by Wt: 25.0%  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3/10 STEL;9192

Ingred Name:TRIGLYCERIDES;(VARIABLE COMPOSITION OF FATS/TALLOW  
CAS:61789-97-7  
Fraction by Wt: 25.0%

Ingred Name:CASTOR OIL  
CAS:8001-79-4  
RTECS #:FI4100000  
Fraction by Wt: 25.0%

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

Routes of Entry: Inhalation:UNKNOWN Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE:IRRITATION OF EYES AND  
SKIN;  
RESPIRATORY TRACT IRRITATION IN CASE OF AN OIL MIST/VAPORS;CNS  
EFFECTS LIKE HEADACHE,DIZZINESS,NAUSEA AND VOMITING  
POSSIBLE.CHRONIC:NONE SPECIFIED,DRYING OF SKIN,DEFA TING OR  
DERMATITIS POSSIBLE.  
Explanation of Carcinogenicity:NO DATA PER MSDS  
Effects of Overexposure:SEE HEALTH HAZARDS DATA.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED;PERSONS WITH A  
HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE  
EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RIS  
K FROM  
EXPOSURE.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.  
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER  
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.  
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF  
IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION:DO NOT INDUCE  
VOMITING. GIVE NOTHING BY MOUTH IF UNCONSCIOUS. GET IMMEDI  
ATE  
MEDICAL ATTENTION.

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

Flash Point:>250F,>121C  
Extinguishing Media:USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER  
FOG.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED;FIRE OR EXCESSIVE HEAT MAY  
CAUSE PRODUCTION OF HAZARDOUS

## DECOMPOSITION PRODUCTS.

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;CONTAIN FREE MATERIAL IF POSSIBLE;USE SUITABLE INERT ABSORBENT MATERIAL AND RECOVER FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Other Precautions:DO NOT USE CONTAMINATED CLOTHES.

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

Respiratory Protection:NOT NORMALLY REQUIRED;USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST AS REQUIRED IF ABOVE PEL/TLV.

Ventilation:NORMAL ROOM VENTILATION.

Protective Gloves:NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment

:EYE WASH STATION,WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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

HCC:N1

Boiling Pt:B.P. Text:>500F,>260C

Vapor Density:>1.0

Spec Gravity:1.02

Solubility

in Water:NEGLIGIBLE

Appearance and Odor:ANTISIEZE LUBRICANT.

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED.

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE AND  
OTHER UNIDENTIFIED COMPONENTS.

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE  
IN ACCORDANCE  
WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND  
REGULATIONS.

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 this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.