

BALLISTOL USA -- BALLISTOL-LUBE -- 9150-01-391-7061

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

Product ID:BALLISTOL-LUBE  
MSDS Date:01/01/1998  
FSC:9150  
NIIN:01-391-7061  
Status Code:A  
MSDS Number: CJGHN  
=== Responsible Party ===  
Company Name:BALLISTOL USA  
Address:ONE CYPRESS KNEE TRAIL  
City:KITTY HAWK  
State:NC  
ZIP:27949  
Country:US  
Info Phone Num:252-261-6181  
Emergency Phone Num:252-261-6181  
CAGE:TO121

===

Contractor Identification ===  
Company Name:BALLISTOL USA  
Address:ONE CYPRESS KNEE TRAIL  
Box:City:KITTY HAWK  
State:NC  
ZIP:27949  
Country:US  
Phone:252-261-6181  
CAGE:TO121  
Company Name:WASHINGTON TRADING CO, INC. (IMPORTER) BALLISTOL USA  
Address:1 CYPRESS KNEE TRAIL  
Box:City:KITTY HAWK  
State:NC  
ZIP:27949-9223  
Country:US  
Phone:252-261-6181  
Contract Num:SP0450-99-M-B211  
CAGE:0ZKM2

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

Ingred Name:ISOBUTYL ALCOHOL  
CAS:78-83-1  
RTECS #:NP

9625000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:300 MG/M3;100 PPM  
ACGIH TLV:152 MG/M3;50 PPM  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:BUTANE  
CAS:106-97-8  
RTECS #:EJ4200000  
Other REC Limits:NONE RECOMMENDED  
ACGIH TLV:1900 MG/M3;800 PPM

Ingred Name:PROPANE (A-70)  
CAS:74-98-6  
RTECS #:TX2275000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1800 MG/M3;1000 PPM

Ingred Name:WHITE MINERAL OIL (PETROLEUM)  
CAS:8042-47-5  
RTECS #:PY8047000  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS: UNKNOWN. ACUTE AND  
CHRONIC - UNKNOWN. MANUFACTURER CLASSIFIES PRODUCT AS NON-TOXIC.  
BALLISTOL-LUBE DOES NOT CONTAIN BENZENE OR KEROSENE. ABSORPTION  
THROUGH SKIN IS INSIGNIFICANT, IF ANY .  
Explanation of Carcinogenicity:DOES NOT CONTAIN ANY SUBSTANCE CURRENTLY  
KNOWN TO BE A  
CARCINOGEN.

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

First Aid:IN THE EVENT OF CONTACT WITH EYES FLUSH WITH LARGE QUANTITY  
OF WATER. IF INGESTED, CONSULT A PHYSICIAN.

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

Flash Point:=52.C, 125.6F  
FLAMMABLE AEROSO  
Extinguishing Media:FOAM, CARBON DIOXIDE, WATER.  
Fire Fighting Procedures:DO NOT USE DRY POWDER AS EXTINGUISHING MEDIUM.  
WEAR PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS

AS

NECESSARY UNDER CONDITIONS.

Unusual Fire/Explosion Hazard:SHOULD BE TREATED AS FLAMMABLE AEROSOL  
ALTHOUGH PRODUCT HAS NOT BEEN TESTED AS SUCH TO ASTM STANDARDS.  
BUTANE/PROPANE(A-70)USED AS PROPELLANT.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. PROVIDE ADEQUATE  
VENTILATION. PLACE LEAKING CONTAINERS OUTDOORS, IN AN OPEN  
CONTAINER, AWAY FROM SOURCES OF IGNITION. ALLOW PRESSURE TO  
DISSIPATE. ABSORBENT LIQUID WITH NON-FLAMMABLE OIL ABSORBENT  
MATERIALS AND PLACE IN CONTAINER FOR DISPOSAL. WASH AREA WITH WARM  
WATER AND DETERGENT TO REMOVE RESIDUE

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

Handling and Storage Precautions:STORE AND USE IN VENTILATED AREA.  
STORE IN COOL PLACE. KEEP CONTAINER TIGHTLY CLOSED. STORE IN  
ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION REGULATIONS.  
KEEP AWAY FROM DIRECT SUNLIGHT, IGNITION SOURCES. DO NOT STORE IN  
AREAS EXPOSED TO TEMPERATURES ABOVE 49C (120F).  
Other Precautions:FLAMMABLE AEROSOL. DO NOT BREATHE VAPORS OR MISTS.

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

Respiratory Protection:NOT REQUIRED.  
Ventilation:LOCALLY AS NEEDED  
Protective Gloves:PROTECTIVE GLOVES NOT REQUIRED  
Eye Protection:NOT NORMALLY REQUIRED.  
Other Protective Equipment:NOT NORMALLY REQUIRED  
Work Hygienic Practices:AVOID CONTACT WITH EYES. USE IN VENTILATED  
AREA. DO NOT USE AROUND FLAME OR HOT SURFACE. DO NOT SPRAY INTO  
OPEN FLAME. DO NOT PUNCTURE AEROSOL CONTAINER.  
Supplemental Safety and Health

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

HCC:V3  
Boiling Pt:=128.C, 262.4F  
Melt/Freeze Pt:=-17.C, 1.3F  
Spec Gravity:OIL/0.865SPRAY/0.775G/CM3  
Evaporation Rate & Reference:MODERATE AT 20C(68F)  
Solubility in Water:NOT EASILY. EMULSIFIES.  
Appearance and Odor:YELLOWISH OIL. CITRUS ODOR

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

Sta

bility Indicator/Materials to Avoid: YES

Stability Condition to Avoid: IGNITION SOURCES, HEAT, SUNLIGHT, HOT SURFACES, TEMPERATURES ABOVE 120F

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

Ecological: NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS.

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

Transport Information: AEROSOL: AEROSOLS, FLAMMABLE, UN1950, 2.1,  
PACKING GROUP: NONE. DOMESTIC SURFACE: CONSUMER COMMODITY, ORM-D.  
NON-AEROSOL: PETROLEUM DISTILLATE, N.O.S., UN1268, 3, PGIII.  
DOMESTIC SURFACE: CONSUMER COMMODITY, ORM-D.

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

SARA Title III Information: NONE SPECIFIED BY MANUFACTURER.  
Federal Regulatory Information: NONE SPECIFIED BY MANUFACTURER.  
State Regulatory Information: NONE SPECIFIED BY  
MANUFACTURER.

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

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.