

WINFIELD BROOKS CO INC -- ALUMTAP -- 9150-01-114-6028

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

Product ID:ALUMTAP
MSDS Date:03/19/2000
FSC:9150
NIIN:01-114-6028
MSDS Number: CJSQN
=== Responsible Party ===
Company Name:WINFIELD BROOKS CO INC
Address:70 CONN ST
City:WOBURN
State:MA
ZIP:01801
Country:US
Info Phone Num:781-933-5300/FAX9239
Emergency Phone Num:800-535-5053 INFOTRAC
Resp. Party Other MSDS Nu
m.:WB9810A
Preparer's Name:NOT PROVIDED.
CAGE:24647
=== Contractor Identification ===
Company Name:HENRY A. PETTER SUPPLY CO
Address:5110 CHARTER OAK DRIVE
Box:City:PADUCAH
State:KY
ZIP:42002-1120
Country:US
Phone:270-575-6906 (FAX) 270-575-5036
Contract Num:SP0450-01-M-LH43
CAGE:3N451
Company Name:WINFIELD BROOKS CO INC
Address:70 CONN ST
Box:City:WOBURN
State:MA
ZIP:01801
Country:US
Phone:781-933-5300/FAX9239
Contract Num:SP0450-99-M-B334
CAGE:24647

===== Composition/Information on I

ngredients =====

Ingred Name:HYDROTREATED LIGHT NAPHTHENIC OIL

CAS:64742-53-6

RTECS #:PY8036000

> Wt:80.

Other REC Limits:NOT PROVIDED.

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TLV:NOT PROVIDED.

Ingred Name:TETRACHLORETHYLENE (PERC) (SYN: PERCHLOROETHYLENE)

CAS:127-18-4

RTECS #:KX3850000

= Wt:10.

Other REC Limits:NOT PROVIDED.

OSHA PEL:100 PPM

ACGIH TLV:50 PPM

ACGIH STEL:685 MG/M3;100 PPM

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:FATTY DERIVATIVE

CAS:112-61-8

RTECS #:WI4460000

< Wt:10.

Other REC Limits:NOT PROVIDED.

OSHA PEL:NOT PROVIDED.

ACGIH TLV:NOT PROVIDED.

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

LD50 LC50 Mixture:NOT PROVIDED.

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

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

Health Hazards Acute and Chronic:ACUTE: MAY CAUSE CENTRAL NERVOUS
SYSTEM DEPRESSION. CHRONIC: HEADACHE, FATIGUE, VISUAL DISTURBANCES,
DERMATITIS.

Explanation of Carcinogenicity:PERCHLOR

OETHYLENE HAS BEEN IDENTIFIED AS

AN ANIMAL CARCINOGEN BY NTP BUT IS NOT LISTED ON SOME STATES'
HAZARDOUS WASTE LIST.

Effects of Overexposure:HEADACHE, FATIGUE, VISUAL DISTURBANCES,
DERMATITIS.

Medical Cond Aggravated by Exposure:NOT PROVIDED.

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

First Aid:SEEK MEDICAL ASSISTANCE FOR FURTHER TREATMENT, OBSERVATIONS
AND SUPPORT IF NECESSARY. EYE CONTACT: FLUSH EYES WITH WATER FOR 15
MINUTES. SKIN CONTACT: WASH

SKIN WITH SOAP AND WATER. INHALATION:

IF OVE RCOME BY VAPORS, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. DO NOT ADMINISTER ADRENALIN. INGESTION: DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN.

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

Flash Point Method:TOC

Flash Point:=135.C, 275.F

Autoignition Temp:=315.6C, 600.F

Autoignition Temp Text:EST

Lower Limits:N/D

Upper Limits:N/D

Extinguishing Media:WATER FOG, FOAM, CARBON DIOXIDE, DRY CH
EMICAL.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS FOR
LARGE FIRES OR ENCLOSED SPACES.

Unusual Fire/Explosion Hazard:TOXIC GASES FORMED BY THERMAL
DECOMPOSITION. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED POSITIVE
PRESSURE BREATHING APPARATUS AND AVOID SKIN CONTACT.

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

Spill Release Procedures:CONTAIN SPILL TO SMALL AREA. EVACUATE AND
VENTILATE AREA. ALLOW TO EVAPORATE OR USE ABSORBENT MATERIAL.

TRANSFER TO CLEAN DRUM.

Neutralizing Agent:NOT RELEVANT.

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

Handling and Storage Precautions:STORE IN LABLED, TIGHTLY SEALED
CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA.

Other Precautions:VAPORS ARE HEAVIER THAN AIR AND WILL COLLECT IN LOW
AREAS. BE SURE OF ADEQUATE VENTILATION. STORE IN COOL, DRY, PLACE.

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

Respiratory Protection:NONE REQUIRED WI
TH ADEQUATE VENTILATION.

Ventilation:USE VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW 50 PPM.
PIPE VENT OUTDOORS.

Protective Gloves:NEOPRENE, VITON, POLYVINYL GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES. CONTACT LENSES SHOULD NOT BE
WORN.

Other Protective Equipment:NONE NECESSARY.

Work Hygienic Practices:USE SAFETY GOGGLES IF PRODUCTION REEQUIRES.

Supplemental Safety and Health

NONE

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

HCC:V6

Boiling Pt:=121.1C, 250

.F
Vapor Pres:2.4 MM HG @ 23C
Vapor Density:5.8(AIR=1)
Spec Gravity:0.92 @ 23C
Evaporation Rate & Reference:.33 (BUAC=1)
Solubility in Water:0.015 G/100 G @ 23C
Appearance and Odor:BLUE/GREEN; MILD CITRIC ODOR.

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS AND OXIDIZING MATERIALS.
Stability Condition to Avoid:OPEN FLAMES. WELDING ARC. HOT SURFACES
WHICH CAN CAUSE THERMAL DECOMPOSITION.
Hazardous Decomposition
Products:THERMAL DECOMPOSITION CAN PRODUCE
HYDROGEN CHLORIDE.

===== Toxicological Information =====

Toxicological Information:HYDROTREATED LIGHT NAPHTHENIC OIL: LD50 IS
GREATER THAN 2000 MG/KG (NO KNOWN CHRONIC EFFECTS).
TETRACHLORETHYLENE LD50 IS 2/6 G / KG (RAT). LC50 IS 5040 PPM
(RAT).

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

Ecological:NOT PROVIDED.

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

Waste Disposal Methods:RECOVERED LIQUID MAY BE SENT TO A LICENSED
RECLAIMER OR INCINERATION FACILITY.

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

Transport Information:NOT PROVIDED.

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

SARA Title III Information:TETRACHLORETHYLENE IS SUBJECT TO REPORTING
UNDER SARA TITLE 313 RIGHT TO KNOW LIST.
Federal Regulatory Information:NOT PROVIDED.
State Regulatory Information:TETRACHLORETHYLENE I

S SUBJECT TO REPORTING
UNDER N.J. RIGHT TO KNOW LIST.

===== 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.