

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 N

um.: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

Ingredients =====

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 #:WI446000
0
< 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:PERCHLO
ROETHYLENE 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 C
HEMICAL.

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 LABELED, 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 W
ITH 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 REQUIRES.

Supplemental Safety and Health

NONE

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

HCC:V6

Boiling Pt:=121.1C, 25

0.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

IS 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.