

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
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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.

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Accidental Release Measures
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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.

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Handling and Storage
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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.

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Exposure Controls/Personal Protection
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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 REQUIRES.

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 =====

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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 =====

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