

WINFIELD BROOKS INC -- ALUMTAP

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MSDS Safety Information
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FSC: 9150
NIIN: 01-114-6028
MSDS Date: 03/19/2000
MSDS Num: CJSQN
Product ID: ALUMTAP
MFN: 04
Responsible Party
Cage: 24647
Name: WINFIELD BROOKS CO INC
Address: 70 CONN ST
City: WOBURN MA 01801
Info Phone Number: 781-933-5300/FAX9239
Emergency Phone Number: 800-535-5053 INFOTRAC
Resp. Party Other MSDS No.: WB9810A

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Item Description Information
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Item Manager: S9G
Item Name: CUTTING FLUID
Unit of Issue: CN
Quantitative Expression: 00000000016OZ
UI Container Qty: 0

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Ingredients
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Cas: 64742-53-6
RTECS #: PY8036000
Name: HYDROTREATED LIGHT NAPHTHENIC OIL
> Wt: 80.
Other REC Limits: NOT PROVIDED.
OSHA PEL: 5 MG/M3 AS OIL MIST
ACGIH TLV: NOT PROVIDED.

Cas: 127-18-4
RTECS #: KX3850000
Name: TETRACHLORETHYLENE (PERC) (SYN: PERCHLOROETHYLENE)
Percent by 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

Cas: 112-61-8
RTECS #: WI4460000
Name: FATTY DERIVATIVE
< Wt: 10.
Other REC Limits: NOT PROVIDED.
OSHA PEL: NOT PROVIDED.

ACGIH TLV: NOT PROVIDED.

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Health Hazards Data
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LD50 LC50 Mixture: NOT PROVIDED.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: ACUTE: MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

CHRONIC: HEADACHE, FATIGUE, VISUAL DISTURBANCES, DERMATITIS.

Explanation Of Carcinogenicity: PERCHLOROETHYLENE HAS BEEN IDENTIFIED AS AN ANIMAL CARCINOGEN BY NTP BUT IS NOT LISTED ON SOME STATES' HAZARDOUS WASTE LIST.

Signs And Symptoms Of Overexposure: HEADACHE, FATIGUE, VISUAL DISTURBANCES, DERMATITIS.

Medical Cond Aggravated By Exposure: NOT PROVIDED.

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.

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Handling and Disposal
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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.

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

INCINERATION FACILITY.

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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Fire and Explosion Hazard Information
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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 CHEMICAL.

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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Control Measures
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Respiratory Protection: NONE REQUIRED WITH 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

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Physical/Chemical Properties
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HCC: V6
Boiling Point: =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.

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: OPEN FLAMES. WELDING ARC. HOT SURFACES WHICH
CAN
CAUSE THERMAL DECOMPOSITION.
Materials To Avoid: STRONG ACIDS AND OXIDIZING MATERIALS.
Hazardous Decomposition Products: THERMAL DECOMPOSITION CAN PRODUCE HYDROGEN
CHLORIDE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: N/A. WILL NOT OCCUR.

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Toxicological Information
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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).

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Ecological Information
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Ecological: NOT PROVIDED.

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MSDS Transport Information
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Transport Information: NOT PROVIDED.

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Regulatory Information
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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.

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Other Information
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Other Information: NFPA HAZARD RATINGS: HEALTH: 2; FIRE: 1; REACTIVITY: 0;
SPECIAL: 0. RATINGS: HEALTH: 2; FIRE: 1; REACTIVITY: 0; SPECIAL: A.

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Transportation Information
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Responsible Party Cage: 24647
Trans ID NO: 149956
Product ID: ALUMTAP
MSDS Prepared Date: 03/19/2000
Review Date: 06/21/2001
MFN: 4
Net Unit Weight: 1 LB CAN
Multiple KIT Number: 0
Unit Of Issue: CN
Container QTY: 0

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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION

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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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Detail AFI Information
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AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION

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HAZCOM Label
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Product ID: ALUMTAP
Cage: 24647
Company Name: WINFIELD BROOKS CO INC
Street: 70 CONN ST
City: WOBURN MA
Zipcode: 01801
Health Emergency Phone: 800-535-5053 INFOTRAC
Label Required IND: Y
Date Of Label Review: 06/21/2001
Status Code: C
MFG Label NO: UNKNOWN
Label Date: 06/21/2001
Origination
Chronic Hazard IND: Y
Eye Protection IND: YES

Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: NO
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Slight
Reactivity Hazard: None
Hazard And Precautions: STORE IN LABELED, TIGHTLY SEALED CONTAINERS IN A COOL, DRY, WELL VENTILATED AREA AWAY FROM OPEN FLAMES, WELDING ARCS, HOT SURFACES WHICH CAN CAUSE THERMAL DECOMPOSITION, STRONG ACIDS, OXIDIZING AGENTS. USE SAFETY GOGGLES AND GLOVES IF NEEDED.

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