

PACKAGING SERVICES INC -- CROWN TURPENTINE -- 8010-00-246-6443

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

Product ID:CROWN TURPENTINE

MSDS Date:01/01/1990

FSC:8010

NIIN:00-246-6443

MSDS Number: BNTCQ

=== Responsible Party ===

Company Name:PACKAGING SERVICES INC

Address:472 SHANK RD

Box:875

City:PEARLAND

State:TX

ZIP:77581

Country:US

Info Phone Num:713-485-1457

Emergency Phone Num:713-485-1457

Preparer's

Name:SCIENTIFIC INFO SERVICES

CAGE:9V846

=== Contractor Identification ===

Company Name:PACKAGING SERVICES INC

Address:472 SHANK RD

Box:875

City:PEARLAND

State:TX

ZIP:77581

Country:US

Phone:713-485-1457

CAGE:9V846

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

Ingred Name:TURPENTINE

CAS:8006-64-2

RTECS #:YO8400000

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/150 PPM STEL

ACGIH TLV:100 PPM/100 PPM STEL

Ingred Name:VOC: 866 GRAMS/LITER

RTECS #:9999999VO

Other REC Limit

s:NONE SPECIFIED

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL: RAPID BREATHING, PALPITATION,
VERTIGO, CONVULSIONS, NERVOUS DISTURBANCES, BRONCHITIS & NEPHRITIS.
Medical Cond Aggravated by Exposure:UNKNOWN.

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

First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR AND, IF NEEDED,
IMMEDIATELY BEGIN ARTIFICIAL RES
PIRATION. GIVE OXYGEN IF BREATHING
IS LABORED. GET EMERGENCY MEDICAL HELP. CONTACT PHYSICIAN
IMMEDIATELY. INGESTI ON: DO NOT INDUCE VOMITING, GET IMMEDIATE
MEDICAL ATTENTION. FLUSH EYES AND SKIN WITH WATER. GET MEDICAL
ATTENTION IF SYMPTOMS DEVELOP AND PERSIST.

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

Flash Point Method:TCC
Flash Point:92.0F,33.3C
Lower Limits:0.8
Extinguishing Media:DRY POWDER, CARBON DIOXIDE, ALCOHOL FOAM. USE WATER
TO COOL CON
TAINERS.
Fire Fighting Procedures:APPROACH FIRE FROM UPWIND SIDE. AVOID
BREATHING SMOKE, FUMES, MIST OR VAPORS ON THE DOWN WIND SIDE.
Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE FROM INTERNAL
PRESSURE IF CONFINED TO FIRE AREA. COOL WITH WATER. GET
NON-ESSENTIAL PEOPLE OUT OF THE AREA.

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

Spill Release Procedures:SMALL: PICK UP W/ABSORBENT MEDIA. STORE AS
HAZARDOUS WASTE. LAGE: CONTAIN W/DIKES, PICK UP W/V
ACUUM TRUCK.
HANDLE AS HAZARDOUS WASTE. NOTIFY PROPER LOCAL, STATE AND FEDERAL
AGENCIES.

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

Handling and Storage Precautions:STORE AWAY FROM OXIDIZERS OR MATERIALS
BEARING A YELLOW "DOT" LABEL.
Other Precautions:STORE IN A COOL PLACE AWAY FROM IGNITION SOURCES.

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

Respiratory Protection:NIOSH APPROVED ORGANIC VAPOR MASK, SUCH AS MSA
GMA 88339 OR EQ

UIVALENT.

Ventilation:LOCAL EXHAUST, DESIRED. MECHANICAL, DESIRED.

Protective Gloves:CHEM RESIST GLOVES (AROMATIC SOLVENTS) *

Eye Protection:CHEM GOGGLES, FULL FACE SHIELD **

Other Protective Equipment:APRONS * SUITABLE TYPES ARE EDMONT #312,
DAVID P-120 (12" PLASTIC), OR EQUIVALENT.

Work Hygienic Practices:AVOID CONTACT W/SKIN, EYES, CLOTHING AFTER
HANDLING THIS PRODUCT, WASH HANDS BEFORE EATING, DRINKING, SMOKING.

Supplemental Safety and Health

** CHEM GOGGLES OR FULL FACE S

HIELD, SUITABLE TYPES ARE FIBRE METAL CO

FACE SHIELD # 22118 OR EQUIVALENT.

*** IF C

ONTACT OCCURS, REMOVE CONTAMINATED CLOTHING. LAUNDER CONTAM
CLOTHING BEFORE REUSE. DISPOSE OF CONTAM SHOES, DON'T REUSE.

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

HCC:F3

Boiling Pt:B.P. Text:311F,155C

Vapor Pres:10 @20C

Vapor Density:4.84

Spec Gravity:0.862 (WATER=1)

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR, WATER WHITE LIQUID WITH CHARAC
TERISTIC

AROMATIC ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS/TRICHLOROMELAMINE/CALCIUM

HYPOCHLORITE/CHLORINE/CHROMIC ANHYDRIDE/CHROMYL CHLORIDE/STANNIC
CHLORIDE

Hazardous Decomposition Products:FROM FIRE, SMOKE, CARBON DIOXIDE,
CARBON MONOXIDE.

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

Waste Disposal Methods:IPA HAZARDOUS WASTE DISPOSAL SITE. FOLLOW LOCAL,

STATE AND FEDERAL REGULATIONS.

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.