

T&R CHEMICALS -- GUM TERPENTINE -- 8010-00-261-4160

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

Product ID:GUM TERPENTINE

MSDS Date:06/24/1986

FSC:8010

NIIN:00-261-4160

MSDS Number: CCJSB

=== Responsible Party ===

Company Name:T&R CHEMICALS

Box:330

City:CLINT

State:TX

ZIP:79836

Country:US

Info Phone Num:915-851-2761

Emergency Phone Num:915-851-2761 FOR ADDITIONAL INFO

CAGE:KO922

=== Contractor Identificati

on ===

Company Name:CHEMICAL SPECIALISTS & DEVELOPMENT

Box:UNKNOW

CAGE:5W443

Company Name:STARTEX (409-539-6244)

Box:UNKNOW

CAGE:NO735

Company Name:T&R CHEMICALS

Box:330

City:CLINT

State:TX

ZIP:79836

Country:US

Phone:915-851-2761

CAGE:KO922

Company Name:TRI-CHEM CORP

Box:City:SOUTHFIELD

State:MI

ZIP:48037-0448

Country:US

Phone:800-456-6255

CAGE:TRCHE

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

Ingred Name:TURPENTINE

CAS:8006-64-2

RTECS #:YO8400000

Other REC Limits:NONE

RECOMMENDED
ACGIH TLV:100 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: MODERATELY IRRITATING. MAY BE
ALLERGENIC TO SOME WORKERS. ABOVE AVERAGE EXPOSURE MAY CAUSE
DERMATITIS. CHRONIC: SAME AS ABOVE EXCEPT MILD BOTH AS IRRITANT &
ALLERGENIC. EXPOSURE OVER LONG TIME PERIOD MAY RESULT IN SERIOUS
KIDNEY IR
RITATION. INGEST: LARGE OVEREXPOSURE, HEAVY
BREATHING/COLLAPSE/COMA.
Effects of Overexposure:INHALATION: CHARACTERISTIC ODOR ON BREATH.
GIDDINESS/RESTLESSNESS/EXCITABLE/INTOXICATION/NAUSEA. SKIN/EYES:
DIALATES. IRRITATES SKIN.
ABSORPTION:ATAXIA/INSOMNIA/ALBUMINURIA/CYANOSIS/DILERIUM.
Medical Cond Aggravated by Exposure:CONTINUED EXPOSURE TO FUMES/VAPORS
IN EXCESS OF 100 PPM WOULD CONSTITUTE OVEREXPOSURE & COULD CAUSE
KIDNEY DAMAGE.

===== First Aid Meas
ures =====

First Aid:EYES: FLUSH WELL W/WARM WATER. CALL DR. SKIN: REMOVE CONTAM
CLOTHES. WASH SKIN W/LARGE AMTS LUKE WARM WATER USING BLAND SOAP
SOLUTION. INHALATION: GET TO FRESH AIR. KEEP WARM. INGESTION: GIVE
LAVAGE O R EMETIC & COPIOUS AMTS WATER. CONSULT DR IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:105F,41C
Autoignition Temp:Autoignition Temp Text:488F
Lower Limits:0.8
Extinguishing
Media:CO2, FOAM, DRY CHEMICAL.
Fire Fighting Procedures:AVOID IMPREGNATION OF ANY LEAKAGE W/OXIDANTS
OR COMBUSTIBLES.
Unusual Fire/Explosion Hazard:EMITS ACRID FUMES WHEN HEATED ALONG
W/COMBUSTIBLE VAPORS.

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

Spill Release Procedures:STOP SPILL PROMPTLY. REMOVE IGNIT SOURCES.
CONTAIN SPILL W/DIKE ETC. CONTAINMENT REQUIRED. PUMP TO TANK FOR
CONTAINMENT. SALVAGE/CONTROL DISPOSAL AS NECESSARY.

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= Handling and Storage =====

Handling and Storage Precautions:AS MAY BE SPECIFIED FOR HEALTH & SAFETY.

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

Respiratory Protection:USBM TYPE N CANISTER OR EQUAL AS APPROVAL FOR CONCERNED PRODUCT.

Ventilation:ADEQUATE EXHAUST TO PREVENT BUILD-UP VAPOR/FUMES/IGNITABLE MATERIAL.

Protective Gloves:NEOPRENE RUBBER

Eye Protection:SAFETY GOGGLES/FACE SHIELDS (OSHA)

Other Protective Equipment:OVERALLS & APRON

S - NEOPRENE.

Work Hygienic Practices:WASHING & SHOWER FACILITIES READILY AVAILABLE.

Supplemental Safety and Health

PROTECTIVE MEASURES DURING MAINTAINANCE OF CONTAMINATED EQUIPMENT AS MAY BE REQUIRED TO MEET STATE, FEDERAL, LOCAL REGULATIONS.

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

Boiling Pt:B.P. Text:307F,153C

Melt/Freeze Pt:M.P/F.P Text:LIQ@AMBIENT

Vapor Pres:760

Vapor Density:4.84

Spec Gravity:0.864 @ 25C

Evaporation Rate & Reference:1.0 (BUAC=1)

Solub

ility in Water:NEGLIGIBLE

Appearance and Odor:COLORLESS TO LIGHT AMBER, TERPENE AROMA

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

Stability Indicator/Materials to Avoid:YES

OXIDIZING MATERIALS.

Stability Condition to Avoid:UNCONTROLLED EXPOSURE TO HEAT/FLAME. KEEP COOL.

Hazardous Decomposition Products:OVERHEATED ACRID FUMES/DEGREDDATION TERPENES RELEASED.COMBUS PRODS INCLUDE DECOMPOSED HYDROCARBONS/CARBON MONOXIDE/CO2.

Conditions to Avoid Polymerization:AVOI

D ALL CONTACT W/STRONG MINERAL
ACIDS & LEWIS ACIDS (BORON TRIFLUORIDE/SUBSTANCES CAPABLE OF
RELEASING PROTON MATTER)

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

Waste Disposal Methods:AVOID DIRECT CONTACT W/LIQUID/VAPOR/SPRAY/MIST
BY WEARING PROTECTIVE CLOTHES/SAFETY GOGGLES/SAFETY SHIELDS/USING
RESP PROTECTION AS NECESSARY. FOLLOW REQ OF RCRA 1976 & ADDENDA OF
US FOR INFO ON LEGAL DISPOSAL OF HAZARDOUS SOLIDS. COMPLY W/APPLIC
LAW

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