



GAP PROFESSIONAL PRODUCTS

Safety Data Sheet T.S.R. Tree Sap Remover

SECTION 1: Identification

1.1 Product identifier

Product name T.S.R. Tree Sap Remover

Product number 5538

1.3 Recommended use of the chemical and restrictions on use

Tree sap remover

1.4 Supplier's details

Name GAP Professional Products
Address 122 Route 105
Keswick Ridge, NB E6L 1B1
Canada

Telephone (506) 363-9708
Fax (506) 363-4241
email info@gapauto.com

1.5 Emergency phone number(s)

For Medical or Transport Emergencies / Pour les urgences médicales ou de transport
CANUTEC (24 Hours)
(613) 996-6666

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (CA) WHMIS 2015

- Acute toxicity, dermal, Cat. 3
- Acute toxicity, inhalation, Cat. 3
- Acute toxicity, oral, Cat. 3
- Specific target organ toxicity (single exposure), Cat. 1

Safety Data Sheet

T.S.R. Tree Sap Remover

- Flammable liquids, Cat. 2

2.2 GHS label elements, including precautionary statements

Pictogram



1. Skull and crossbones; 2. Health hazard; 3. Flame

Signal word

Danger

Hazard statement(s)

H301	Toxic if swallowed
H311	Toxic in contact with skin
H331	Toxic if inhaled
H370	Causes damage to organs [organs, route]
H225	Highly flammable liquid and vapor

Precautionary statement(s)

P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P311	IF exposed or concerned: Call a POISON CENTER/doctor/...
P311	Call a POISON CENTER/doctor/...
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Rinse mouth.
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to ...
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370+P378	In case of fire: Use ... to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.

Safety Data Sheet
T.S.R. Tree Sap Remover

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

Component	Concentration
Methanol (CAS no.: 67-56-1; EC no.: 200-659-6; Index no.: 603-001-00-X)	50 - 80 % (weight)
CLASSIFICATIONS: Flammable liquids, Cat. 2; Acute toxicity, inhalation, Cat. 3; Acute toxicity, dermal, Cat. 3; Acute toxicity, oral, Cat. 3; Specific target organ toxicity (single exposure), Cat. 1. HAZARDS: H225 - Highly flammable liquid and vapor; H301 - Toxic if swallowed; H311 - Toxic in contact with skin; H331 - Toxic if inhaled; H370 - Causes damage to organs [organs, route].	

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention
In case of skin contact	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Do not use solvents or thinners. Consult a physician. Get medical attention if symptoms occur.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.
If swallowed	DO NOT INDUCE VOMITING. Call physician immediately. If conscious give lots of water or milk. Do not give anything by mouth to an unconscious or convulsing person.
Personal protective equipment for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Wear personal protective clothing (see section 8).

4.2 Most important symptoms/effects, acute and delayed

Eye Contact:	Causes serious eye irritation.
Inhalation:	Harmful if inhaled. May cause respiratory irritation.
Skin Contact:	Causes skin irritation. Defatting to the skin.
Ingestion:	No known significant effects or critical hazards.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Adverse symptoms may include the following:

Eye Contact: pain or irritation, watering, redness

Inhalation: respiratory tract irritation, coughing, reduced fetal weight, increase in fetal deaths, skeletal malformations

Safety Data Sheet

T.S.R. Tree Sap Remover

Skin Contact: irritation, dryness, cracking, reduced fetal weight, increase in fetal deaths, skeletal malformations

Ingestion: reduced fetal weight, increase in fetal deaths, skeletal malformations

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Regular foam, waterfog, carbon dioxide or dry chemical. Keep containers cool with water spray using fog nozzles.

5.2 Specific hazards arising from the chemical

Flammable liquid and vapor. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights and other flames in locations distant from the material handling point. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Methanol: Carbon oxides

5.3 Special protective actions for fire-fighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Further information

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

See Section 8 for recommended personnel protective equipment.

6.2 Environmental precautions

Should not be released into the environment.

6.3 Methods and materials for containment and cleaning up

Solvents - Ventilate. Eliminate all sources of ignition

LARGE SPILLS: Dike far ahead of spill to prevent further movement. Soak up with inert absorbent material (e.g. sand, silica gel). Keep in suitable, closed containers for disposal.

SMALL SPILLS: Contain and absorb with absorbent material and place into containers for later disposal. Dispose of according to local, and Provincial regulations for products containing petroleum distillates.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Put on appropriate personal equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. Keep in original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Safety Data Sheet

T.S.R. Tree Sap Remover

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials(see Section 10) and food and drink. Do not store under freezing conditions or above 49 C (120 F). Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Keep out of reach from children.

Specific end use(s)

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Methanol (CAS: 67-56-1 EC: 200-659-6)

PEL-TWA (Inhalation): 200 ppm, 260 mg/m³ (OSHA)

Headache. Nausea. Dizziness. Eye damage Substances for which there is a Biological Exposure Index or Indices Danger of cutaneous absorption

PEL-TWA (Inhalation): 200 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (Cal/OSHA)

PEL-C (Inhalation): 1000 ppm (Cal/OSHA)

PEL-ST (Inhalation): 250 ppm (NIOSH)

REL-TWA (Inhalation): 200 ppm (NIOSH)

TLV[®] (Inhalation): 200 ppm (ACGIH)

TLV[®] (Inhalation): 250 ppm (ST) (ACGIH)

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Splash goggles

Skin protection

Chemical resistant gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash and dry hands after use.

Body protection

Skin Protection: Protective gloves (for hands). Long sleeve shirts and pants should be worn to protect exposed skin.

Respiratory protection

Recommended: Dust mask or Respirator should be worn if product is used in confined space or used for a prolonged period of time.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Safety Data Sheet T.S.R. Tree Sap Remover

Appearance/form (physical state, color, etc.)	Clear
Odor	Pungent odour
Odor threshold	Not determined
pH	Not Available
Melting point/freezing point	Not Available
Initial boiling point and boiling range	64.7 °C
Flash point	-12.78°C (9°F)
Evaporation rate	2.84 (butyl acetate = 1)
Flammability (solid, gas)	product mist may be flammable
Upper/lower flammability limits	LEL=N/A% UEL=2.1%
Vapor pressure	130.3 hPa at 20.0 °C
Vapor density	1.11
Relative density	0.791 g/mL at 25 °C
Solubility(ies)	Miscible
Partition coefficient: n-octanol/water	Not Determined
Auto-ignition temperature	455.0 °C at 1.013 hPa
Decomposition temperature	Not Determined
Viscosity	Kinematic (40°C (104°F)): >0.21 cm ² /s (>21 cSt)
Explosive properties	
Oxidizing properties	

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

Will not occur.

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Avoid contact with acids and strong oxidizers such as permanganate, chlorine, ectoderm. Do not store near acids, carbon dioxide (CO₂), and strong oxidizers such as permanganate, chlorine, ectoderm.

Methanol: Acid chlorides, Acid anhydrides, Oxidizing agents, Alkali metals, Reducing agents, Acids

10.6 Hazardous decomposition products

After water evaporates, burning may produce oxides of carbon, traces of sulfur and nitrogen oxides and various hydrocarbons

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

Safety Data Sheet T.S.R. Tree Sap Remover

Methanol LD50 Oral - Rat - 1,187 - 2,769 mg/kg

Methanol LD50 Skin - Rabbit - 17,100 mg/kg

Methanol LD50 Inhalation - Rat - 128.2 mg/l - 4 h

Methanol LD50 Inhalation - Rat - 87.6 mg/l - 6 h

Skin corrosion/irritation

Prolonged or repeated contact can cause moderate irritation, defatting, dermatitis.

Serious eye damage/irritation

Can cause severe irritation, redness, tearing, blurred vision.

Respiratory or skin sensitization

Excessive inhalation of vapors can cause nasal and respiratory irritation and central nervous system effects including dizziness, weakness, fatigue, nausea, headache and possible unconsciousness.

Germ cell mutagenicity

No data available

Carcinogenicity

Carcinogenicity: Ingredients not listed by OSHA, NTP, IARC.

Reproductive toxicity

No data available

Summary of evaluation of the CMR properties

Not Available

STOT-single exposure

Primary route of entry: A) Skin B) Inhalation

STOT-repeated exposure

Pre-existing skin, eye and respiratory disorders may be aggravated by exposure to product.

Adverse symptoms may include the following:

Eye Contact: pain or irritation, watering, redness

Inhalation: respiratory tract irritation, coughing.

Skin Contact: irritation, dryness, cracking,

Ingestion: No specific data

Additional information

4-CHLORO-ALPHA,ALPHA,ALPHA-TRIFLUOROTOLUENE: *TOXICITY:

typ. dose mode specie amount units other

LC50 ihl mus 20 gm/m3

LC50 ihl rat 22 gm/m3

Safety Data Sheet
T.S.R. Tree Sap Remover

LD50 orl mus 11500 mg/kg
LD50 orl rat 13 gm/kg

*AQTX/TLM96: Not available

*SAX TOXICITY EVALUATION:

THR: Only slightly toxic to experimental animals by skin contact and oral routes.

*CARCINOGENICITY:

Status: NTP Carcinogenesis Studies; selected, January 1988

*MUTATION DATA:

test lowest dose | test lowest dose

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dns-hmn:emb 1 gm/L |

*TERATOGENICITY: Not available

*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: None

ACGIH: None

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): None

Flammability (F): None

Reactivity (R): None

*OTHER TOXICITY DATA:

Standards and Regulations: DOT-IMO: Flammable or Combustible liquid; Label:
Flammable liquid

Status: EPA TSCA Chemical Inventory, 1986

EPA TSCA Test Submission (TSCATS) Data Base, March 1988

From Sigma:

Hazard Codes Xi

Risk Statements 10-36/37/38

Safety Statements 26-36

RIDADR UN 2234 3/PG 3

VBF AII

WGK Germany 2

RTECS XS9145000

Acetone: *TOXICITY:

typ. dose mode specie amount units other

TCLo ihl man 440 ug/m3/6M

TCLo ihl man 10 mg/m3/6H

Safety Data Sheet T.S.R. Tree Sap Remover

TCLo ihl hmn 500 ppm
TCLo ihl man 12000 ppm/4H
LDLo unr man 1159 mg/kg
LDLo ipr rat 500 mg/kg
LD50 orl mus 3000 mg/kg
LCLo ihl mus 110 gm/m3/1H
LD50 ipr mus 1297 mg/kg
LDLo orl dog 8 gm/kg
LD50 orl rat 5800 mg/kg
LC50 ihl rat 50100 mg/m3/8H
LDLo ipr dog 8 gm/kg
LDLo scu dog 5 gm/kg
LD50 skn rbt 20 gm/kg
LDLo scu gpg 5000 mg/kg
TDLo orl man 2857 mg/kg
LD50 ivn rat 5500 mg/kg
LDLo ivn rbt 1576 mg/kg
LD50 orl rbt 5340 mg/kg
LDLo ivn mus 4 gm/kg

*AQTX/TLM96: Not available

***SAX TOXICITY EVALUATION:**

THR: Moderately toxic by various routes. A skin and severe eye irritant. Human systemic effects by inhalation and ingestion. Narcotic in high concentrations. In industry, no injurious effects have been reported other than skin irritation resulting from its defatting action, or headache from prolonged inhalation. A common air contaminant. Dangerous disaster hazard due to fire and explosion hazard.

*CARCINOGENICITY: Not available

***MUTATION DATA:**

test lowest dose | test lowest dose

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cyt-ham:fbr 40 gm/L | sln-smc 47600 ppm

***TERATOGENICITY:**

Reproductive Effects Data:

TCLo: ihl-mam 31500 ug/m3/24H (1-13D preg)

***STANDARDS, REGULATIONS & RECOMMENDATIONS:**

OSHA: Federal Register (1/19/89) and 29 CFR 1910.1000 Subpart Z

Transitional Limit: PEL-TWA 1000 ppm [015,327,545,610]

Final Limit: PEL-TWA 750 ppm; STEL 1000 ppm [015,327,545,610]

OSHA STEL does not apply to the acetate fiber industry; it is in effect for all other sectors [610]

ACGIH: TLV-TWA 750 ppm; STEL 1000 ppm [015,415,421,610]

NIOSH Criteria Document: Recommended exposure limit to this class of compounds-air: TWA 590 mg/m3 [015]

NFPA Hazard Rating: Health (H): 1

Flammability (F): 3

Reactivity (R): 0

Safety Data Sheet T.S.R. Tree Sap Remover

H1: Materials only slightly hazardous to health (see NFPA for details).

F3: Materials which can be ignited under almost all normal temperature conditions (see NFPA for details).

R0: Materials which are normally stable even under fire exposure conditions and which are not reactive with water (see NFPA for details).

*OTHER TOXICITY DATA:

Skin and Eye Irritation Data:

eye-hmn 500 ppm

skn-rbt 395 mg open MLD

eye-rbt 3950 ug SEV

eye-rbt 20 mg/24H MOD

skn-rbt 500 mg/24H MLD

Standards and Regulations: DOT-Hazard: Flammable liquid; Label: Flammable liquid

Status: NIOSH Analytical Methods: see Ketones I, 1300

EPA TSCA Chemical Inventory, 1986

EPA TSCA Test Submission (TSCATS) Data Base, June 1988

EPA Genetox Program 1988, Negative: SHE-clonal assay; Cell transform.-mouse embryo

EPA Genetox Program 1988, Negative: Cell transform.-RLV F344 rat embryo

EPA Genetox Program 1988, Negative: In vitro cytogenetics-nonhuman

EPA Genetox Program 1988, Negative: Histidine reversion-Ames test; In vitro SCE-nonhuman

Meets criteria for proposed OSHA Medical Records Rule

Octyl acetate: guinea pig LD50 skin > 20mL/kg (20mL/kg) Journal of Industrial Hygiene and Toxicology. Vol. 26, Pg. 269, 1944.

mouse LD50 oral > 3200mg/kg (3200mg/kg) Kodak Company Reports. Vol. 21May1971,

rabbit LD skin > 20mL/kg (20mL/kg) Union Carbide Data Sheet. Vol. 4/21/1967,

rat LC inhalation > 1100ppm/6H (1100ppm) Kodak Company Reports. Vol. 21MAY1971,

rat LD50 oral 3gm/kg (3000mg/kg) Journal of Industrial Hygiene and Toxicology. Vol. 26, Pg. 269, 1944.

2-Heptanone: mouse LD50 intraperitoneal 400mg/kg (400mg/kg) "Patty's Industrial Hygiene and Toxicology," 3rd rev. ed., Clayton, G.D., and F.E. Clayton, eds., New York, John Wiley & Sons, Inc., 1978-82. Vol. 3 originally pub. in 1979; pub. as 2n rev. ed. in 1985. Vol. 2C, Pg. 4757, 1982.

mouse LD50 oral 730mg/kg (730mg/kg) Acta Pharmaceutica Jugoslavica. Vol. 12, Pg. 79, 1962.

rabbit LD50 skin 12600uL/kg (12.6mL/kg) American Industrial Hygiene Association Journal. Vol. 23, Pg. 95, 1962.

Link to PubMed

rat LCLo inhalation 4000ppm/4H (4000ppm) American Industrial Hygiene Association Journal. Vol. 23, Pg. 95, 1962.

Link to PubMed

rat LD50 intraperitoneal 800mg/kg (800mg/kg) "Patty's Industrial Hygiene and Toxicology," 3rd rev. ed., Clayton, G.D., and F.E. Clayton, eds., New York, John Wiley & Sons, Inc., 1978-82. Vol. 3 originally pub. in 1979; pub. as 2n rev. ed. in 1985. Vol. 2C, Pg. 4757, 1982.

rat LD50 oral 1670mg/kg (1670mg/kg) Union Carbide Data Sheet. Vol.

----- PROPIONIC ACID: *TOXICITY:

typ. dose mode specie amount units other

Safety Data Sheet
T.S.R. Tree Sap Remover

LD50 orl rat 3500 mg/kg
LD50 ipr rat 200 mg/kg
LD50 ivn mus 625 mg/kg
LD50 skn rbt 500 mg/kg

*AQTX/TLM96: 1000-100 ppm

***SAX TOXICITY EVALUATION:**

THR = MODERATE dermal; MODERATE oral and intravenous route. HIGH intraperitoneal route.

*CARCINOGENICITY: Not available

***MUTATION DATA:**

test lowest dose | test lowest dose

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Not available |

*TERATOGENICITY (Reproductive Effects Data): Not available

***STANDARDS, REGULATIONS & RECOMMENDATIONS:**

OSHA: Federal Register (1/19/89)

Final Limit: PEL-TWA 10 ppm [610]

ACGIH: TLV-TWA 10 ppm; STEL 15 ppm, with a notice of intent to delete STEL [610]

NIOSH Criteria Document: None

NFPA Hazard Rating: Health (H): 2

Flammability (F): 2

Reactivity (R): 0

H2: Materials hazardous to health, but areas may be entered freely with full-faced mask self-contained breathing apparatus which provides eye protection (see NFPA for details).

F2: Materials which must be moderately heated before ignition will occur (see NFPA for details).

R0: Materials which are normally stable even under fire exposure conditions and which are not reactive with water (see NFPA for details).

***OTHER TOXICITY DATA:**

Skin and Eye Irritation Data:

skn-rbt 495 mg open SEV

eye-rbt 990 ug SEV

Review: Toxicology Review

Standards and Regulations: DOT-Hazard: Corrosive Material; Label: Corrosive
DOT-Hazard: Corrosive Material; Label: Corrosive,
solution

DOT-IMO: Corrosive Material; Label: Corrosive,
Flammable Liquid

Status: Reported in EPA TSCA Inventory, 1983

Meets criteria for proposed OSHA Medical Records Rule

Methanol: *TOXICITY:

Safety Data Sheet

T.S.R. Tree Sap Remover

typ. dose mode specie amount units other

LDLo orl hmn 340 mg/kg
TCLo ihl hmn 86000 mg/m³
LDLo unr man 868 mg/kg
LD50 orl rat 5628 mg/kg
LC50 ihl rat 64000 ppm/4H
LD50 ipr rat 9540 mg/kg
LD50 orl mus 870 mg/kg
LCLo ihl mus 50 gm/m³/2H
LDLo ipr mus 120 mg/kg
LD50 scu mus 9800 mg/kg
LD50 ivn mus 5673 mg/kg
LDLo orl dog 7500 mg/kg
LDLo orl mky 7000 mg/kg
LCLo ihl mky 1000 ppm
LDLo skn mky 500 mg/kg
LCLo ihl cat 44000 mg/m³/6H
LDLo ivn cat 118 mg/kg
LDLo orl rbt 7500 mg/kg
LD50 skn rbt 20 gm/kg
LDLo orl man 13 gm/kg

*AQTX/TLM96: >1000 ppm

*SAX TOXICITY EVALUATION:

THR = A skin, eye irritant. A human inhalation IRRITANT. A human eye irritant. HIGH human oral; HIGH intraperitoneal, intravenous; MODERATE inhalation, oral, skin; LOW skin, oral, inhalation, intraperitoneal, subcutaneous. Methyl alcohol possesses distinct narcotic properties. Coma from massive exposures may last as long as 2-4 days.

*CARCINOGENICITY: Not available

*MUTATION DATA:

test lowest dose | test lowest dose

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mmo-smc 12 pph | cyt-smc 500 umol/tube
cyt-grh-par 3000 ppm | dni-hmn:lym 300 mmol/L
dnd-rat-oral 10 umol/kg | cyt-mus-oral 1 gm/kg
cyt-mus-ipr 75 mg/kg | mma-mus:lym 7900 mg/L

*TERATOGENICITY:

Reproductive Effects Data:

TDLo: orl-rat 7500 mg/kg (17-19D preg)
TCLo: ihl-rat 20000 ppm/7H (1-22D preg)
TDLo: ipr-mus 5 gm/kg (5D male)

*STANDARDS, REGULATIONS & RECOMMENDATIONS:

OSHA: Federal Register (1/19/89) and 29 CFR 1910.1000 Subpart Z
Transitional Limit: PEL-TWA 200 ppm [610]
Final Limit: PEL-TWA 200 ppm (skin); STEL 250 ppm [610]
ACGIH: TLV-TWA 200 ppm (skin); STEL 250 ppm [610]
NIOSH Criteria Document: Recommended Exposure Limit to this compound-air:

Safety Data Sheet

T.S.R. Tree Sap Remover

PEL-TWA 200 ppm; Ceiling Limit 800 ppm/15M [610]

NFPA Hazard Rating: Health (H): 1

Flammability (F): 3

Reactivity (R): 0

H1: Materials only slightly hazardous to health (see NFPA for details).

F3: Materials which can be ignited under almost all normal temperature conditions (see NFPA for details).

R0: Materials which are normally stable even under fire exposure conditions and which are not reactive with water (see NFPA for details).

*OTHER TOXICITY DATA:

Skin and Eye Irritation Data:

eye-hmn 5 ppm

skn-rbt 500 mg/24H MOD

eye-rbt 40 mg MOD

Review: Toxicology Review-5

Standards and Regulations: DOT-Hazard: Flammable liquid; Label: Flammable liquid

DOT-IMO: Flammable liquid; Label: Flammable liquid, Poison

Status: "NIOSH Manual of Analytical Methods, 3rd Ed."

Reported in EPA TSCA Inventory, 1983

EPA Genetic Toxicology Program, January 1984

EPA TSCA Section 8(e) Status Report 8EHQ-0378-0108

Meets criteria for proposed OSHA Medical Records Rule

SECTION 12: Ecological information

Toxicity

Methanol LD50 Oral - Rat - 1,187 - 2,769 mg/kg

Methanol LD50 Skin - Rabbit - 17,100 mg/kg

Methanol LD50 Inhalation - Rat - 128.2 mg/l - 4 h

Methanol LD50 Inhalation - Rat - 87.6 mg/l - 6 h

SECTION 13: Disposal considerations

Disposal of the product

Dispose of accordance in local, and provincial regulations for solvent materials.

SECTION 14: Transport information

14.1	UN Number	1230
14.2	UN Proper Shipping Name	Methanol
14.3	Transport hazard class(es)	3
14.4	Packing group	2

Special precautions for user

Safety Data Sheet T.S.R. Tree Sap Remover

Note: DOT Classification applies to most package sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment. Limited Quantity: Small quantities of controlled goods are not regulated as Dangerous Goods according to TDG regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Canadian Domestic Substances List (DSL)

SECTION 16: Other information

16.1 Further information/disclaimer

These SDS are written in an effort to provide information to the worker in the workplace and in such a way it can be understood. To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

16.2 Preparation information

Prepared by: C. Gourley