

MATERIAL SAFETY DATA SHEET



The Tanglefoot Company

Emergency Phone: 800-215-0938

The Tanglefoot Company

Grand Rapids MI 49504

Date of Preparation: 07/18/02

TANGLEFOOT® TREE PRUNING SEALER

SECTION I: IDENTIFICATION

MANUFACTURER: THE TANGLEFOOT COMPANY
314 STRAIGHT ST. SW
GRAND RAPIDS, MI 49504

PHONE: 616/459-4139
FAX: 616/459-4140
E-MAIL: tnglfoot@aol.com

TRADE NAME: Tanglefoot® Tree Pruning Sealer

CHEMICAL FAMILY: Petroleum Hydrocarbon

HAZARD CLASSIFICATION:

HEALTH	1
FIRE	2
REACTIVITY	0

SECTION II: HAZARDOUS INGREDIENTS

Hazardous components (Specific Chemical Identity; Common Names(s))	OSHA PEL	OSHA STEL	%
Asphalt CAS # 8052-42-4	10 PPM	15 PPM	90%

SECTION III: PHYSICAL DATA

BOILING POINT:	Not Determined	SPECIFIC GRAVITY:	<0.99
VAPOR PRESSURE(MM Hg):	Negligible	FLASH POINT:	110F (43C)(TCC)
VAPOR DENSITY (AIR = 1):	N/A	EVAPORATION RATE:	Not Determined
SOLUBILITY IN WATER:	Negligible	VISCOSITY:	Not Determined
APPEARANCE AND ODOR:	Viscous Paste. Dark Brown to Black; Slight Solvent Odor		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

GENERAL HAZARD: Low hazard, liquid can burn upon heating to temperatures at or above the flash point. Toxic gases will form upon combustion.

FLASH POINT: 110F (43C)

FLAMMABLE LIMITS: UEL: 6.0 LEL 1.0

EXTINGUISHING MEDIA: Use water spray to cool fire exposed surfaces.
Use foam, dry chemical or water spray to extinguish fire

SPECIAL FIRE FIGHTING PROCEDURES: Respiratory and eye protection required for fire fighting personnel.
Firefighters should wear full bunker gear, including a positive pressure self-contained breathing apparatus.

UNUSUAL FIRE & EXPLOSION HAZARDS: Toxic hydrogen sulfide gas and other sulfur-containing gases can be given off when heated above 130F (54C). Burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

SECTION V: HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES

ROUTES OF ENTRY: Eyes: Yes SKIN: Yes INHALATION: Yes INGESTION: Yes

EYES:

Effect:	May be slightly irritating but does not injure eye tissue.
First Aid:	Flush with large amounts of water until irritation subsides. If irritation occurs, seek medical attention.
Protection:	None required; however, use of eye protection is good practice.

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SECTION V: HEALTH HAZARD DATA & EMERGENCY FIRST AID PROCEDURES (continued)

SKIN:	Effect:	No significant health hazards identified.
	First Aid:	Immediately wash skin waterless hand cleaner to remove, then wash with soap and water.
	Protection:	None required; however, use of protective gloves/clothing is good practice
INHALATION:	Effect:	No significant health hazards identified.
	First Aid:	If adverse effects occur, remove to ventilated area.
	Protection:	None required; however, use of adequate ventilation is recommended.
INGESTION:	Effect:	Expected to be relatively non-toxic.
	First Aid:	If large amount is swallowed get medical attention.

SECTION VI: REACTIVITY DATA

STABILITY: Stable **CONDITIONS TO AVOID:** Open flames or Direct ignition.
HAZARDOUS DECOMPOSITION PRODUCTS: Can form toxic gases if exposed to open flame or heat.
HAZARDOUS POLYMERIZATION: Will not occur

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED: Contain with an absorbent material. Remove all ignition sources.
WASTE DISPOSAL METHOD: Dispose of waste material in compliance with regulations.

SECTION VIII: REGULATORY INFORMATION

OSHA Hazard Communication Standard: Irritant. Contains a component listed by OSHA.
SARA Title III Section 302 Extremely Hazardous Substances (40 CFR Part 355) This product is exempt from the reporting requirements of this section.
SARA Title III Section 311/312 Hazardous Categorization (40 CFR Part 370) This product is defined as hazardous by OSHA under 29 CFR Part 1910.1200(d).
SARA Title III Section 313 (40 CFR Part 372) This product is exempt from the reporting requirements of this section.
CERCLA Sections 102A/103 Hazardous Substances (40 CFR Part 302.4) This product is exempt from the CERCLA reporting requirements under 40 CFR Part 302.4.

SECTION IX: SHIPPING INFORMATION

DOT CLASSIFICATION: CONSUMER COMMODITY, ORM-D
BILL OF LADING DESCRIPTION: ASPHALT BY-PRODUCTS, IN CONTAINERS IN BOXES
UN IDENTIFICATION No: UN1999
PACKING GROUP: III

SECTION X: DISCLAIMER AND/OR COMMENTS

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