SAFETY DATA SHEET
TJ- 3D

Printed: 03/12/2020
Revision: 03/12/2020
Supersedes Revision: 01/30/2020

1. Product and Company Identification

Product Code: 40-4743D
Product Name: TJ- 3D
Trade Name: Biodegradable Tar & Asphalt Remover

Company Name: TJ Chemicals and Supplies, LLC
P.O. Box 325
Florence, MS 39073
Phone Number: (601)720-6875
Email address: tinatjchemicals@yahoo.com

Emergency Contact: Chem Tel (800)255-3924
Information: TJ Chemicals & Supplies (601)720-6875

2. Hazards Identification

Serious Eye Damage/Eye Irritation, Category 1
Aspiration Toxicity, Category 1

GHS Signal Word: **Danger**

GHS Hazard Phrases: May be fatal if swallowed and enters airways.
Causes serious eye damage.

GHS Precaution Phrases: Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER or doctor/physician.
Do NOT induce vomiting.

GHS Storage and Disposal Phrases: Store locked up.
Dispose of contents/container to according to local, state and Federal authorities.

OSHA Regulatory Status: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product. This MSDS should be retained and available for employees and other users of this product.

Inhalation: Low hazard for usual industrial handling.

Skin Contact: May cause mild skin irritation.

Eye Contact: Irritating, and may injure eye tissue if not removed promptly.

Ingestion: May cause nausea and vomiting.

Medical Conditions Generally Aggravated By Exposure: Persons with pre-existing skin disorders or impaired respiratory or pulmonary function may be at increased risk to the effects of this substance.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
NA	D'Limonene	>=50.0 %
NA	(Trade Secret)	>=5.0 %

4. First Aid Measures

Emergency and First Aid Procedures:	If swallowed, do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
In Case of Inhalation:	Remove person to fresh air and keep comfortable for breathing.
In Case of Skin Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Take off contaminated clothing and shoes immediately.
In Case of Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
In Case of Ingestion:	Rinse mouth with water. If swallowed, do NOT induce vomiting.
Signs and Symptoms Of Exposure:	Mild irritation effect.
Indication of any immediate medical attention and special treatment needed:	If vomiting occurs naturally, have victim lean forward.
Note to Physician:	Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt:	>= 165.00 F
Explosive Limits:	LEL: NE N.A. UEL: NE N.A.
Autoignition Pt:	NE
Suitable Extinguishing Media:	Use dry chemical, carbon dioxide, or alcohol-resistant foam.
Unsuitable Extinguishing Media:	Water may spread fire.
Fire Fighting Instructions:	Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when any material is involved in a fire.
Flammable Properties and Hazards:	Most vapors are heavier than air.
Hazardous Combustion Products:	None. This product is not considered an environmental hazard.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Impervious clothing.
Environmental Precautions:	Observe all federal, state, and local environmental regulations.
Steps To Be Taken In Case Material Is Released Or Spilled:	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation. Do not let product enter drains.

7. Handling and Storage

Precautions To Be Taken in Handling:	No special precautions indicated. Protect from sunlight and store in well-ventilated place.
Precautions To Be Taken in Storing:	Protect from sunlight and store in well-ventilated place.
Other Precautions:	No special precautions indicated.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
NA	D'Limonene			
NA	(Trade Secret)			

Recommended Exposure Limits: Not reported.

Respiratory Equipment (Specify Type): Positive pressure self-contained breathing apparatus (SCBA) and structural firefighters' protective clothing will provide adequate protection.

Eye Protection: Safety glasses with side-shields conforming to EN166.

Protective Gloves: Rubber gloves.

Other Protective Clothing: Rubber boots.

Engineering Controls (Ventilation etc.): Use with adequate ventilation.

Work/Hygienic/Maintenance Practices: Wash thoroughly after handling.

Environmental Exposure Controls: Safety shower and eye bath.

9. Physical and Chemical Properties

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor: Clear. Orange-Like Odor.

pH: NE

Melting Point: -74.00 C

Boiling Point: 175.00 C - 176.00 C

Flash Pt: >= 165.00 F

Evaporation Rate: > Water

Flammability (solid, gas):

Explosive Limits: LEL: NE N.A. UEL: NE N.A.

Vapor Pressure (vs. Air or mm Hg): NE

Vapor Density (vs. Air = 1): NE

Specific Gravity (Water = 1): ~ 0.84

Density: 0.8400 G/ML

Bulk density: NE

Solubility in Water: >=Emulsion

Saturated Vapor Concentration: NE

Octanol/Water Partition Coefficient:

Autoignition Pt: NE

Decomposition Temperature:

Viscosity: NE

Particle Size: NE

Heat Value: NE

Corrosion Rate: NE

10. Stability and Reactivity

Reactivity: Oxidizing agents.

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: Strong oxidizing agents. Strong acids.

Incompatibility - Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: None.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: Product will not undergo polymerization.

11. Toxicological Information

Toxicological Information: Effective concentration to 0 % of test organisms.

Irritation or Corrosion: Not reported.

Symptoms related to Toxicological Characteristics: NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Chronic Toxicological Effects: Not reported.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: Other: Biodegradable.

Results of PBT and vPvB assessment: Not Known.

Persistence and Degradability: Not Known.

Bioaccumulative Potential: Not Known.

Mobility in Soil: not reported, unknown.

Other adverse effects: Not reported.

13. Disposal Considerations

Waste Disposal Method: Observe all federal, state, and local environmental regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

15. Regulatory Information

16. Other Information

Revision Date: 03/12/2020

Hazard Rating System:

HMIS:

HEALTH	1
FLAMMABILITY	2
PHYSICAL	0
PPE	B

NFPA:

Additional Information About This Product: None. This product is not considered an environmental hazard.

Company Policy or Disclaimer: As the methods or conditions of use are beyond our control, we do not accept any responsibility or liability for any use of this product. We make no warranty, expressed or implied, as to the accuracy of the information given or results obtained from its use. It is the responsibility of the user to meet all federal, state and local regulations.