

# LASER CHEM'S AMAZING TAR & GREASE REMOVER

Material Safety Data Sheet

## SECTION I - PRODUCT IDENTIFIER

Product: Laser Chem's Amazing Tar & Grease Remover  
Supplier: Laser Chem Int. Corp.

7022 South 400 West

Midvale, UT 84047

1-800-272-2741

EMERGENCY TELEPHONE: 1-800-535-5053

NFPA Ratings: /Health: 1 /Fire: 2 /React: 0 /Special: - /0=LEAST TO 4=EXTREME

HMS PERSONAL PROT: B

## SECTION II - HAZARDOUS INGREDIENTS

Hazardous Components-(CAS Number) Exposure Limits

Propylene glycol n-butyl ether (5131-66-8)-----No Data Established

Dipropylene glycol methyl ether (34590-94-8)-----OSHA TWA (skin) 100 ppm, STEL 150 ppm.ACGIH TLV(skin)100 ppm,STEL 150ppm

Ethyl alcohol (64-17-5) -----OSHA TWA 1000 ppm, ACGIH TWA 1000 ppm

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 350-400 deg. F

Melting Point: NA

Specific Gravity (H2O=1): .948

Vapor Pressure: <3 mmHg @ 20 deg. C

Vapor Density (Air=1): ND

Evaporation Rate (BuAc=1): <1

Solubility in Water: Appreciable

pH: ND

VOC: 180 gm/L

Appearance and Odor: Clear liquid solution with an acetate odor.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method): Approx. 127 deg. F (TCC)

Flammable Limits: Lower [ 1.8 ] Upper [ 19 ]

Extinguishing Media: Dry powder, carbon dioxide (CO2), "alcohol" foam, use water to cool containers.

Special Fire Fighting Procedures: Approach fire from upwind side. Avoid breathing smoke, fumes, mist, or vapors, on the downwind side. Firefighters wear protective clothing, and self contained breathing apparatus.

Unusual Fire and Explosion Hazards: If stored in drums: Containers may rupture from internal pressure if confined to fire area. Cool with water. Get non-emergency personnel out of the area.

## SECTION V - REACTIVITY INFORMATION

Stability: Product is Stable

Materials to Avoid: Oxidizers or oxidizing materials. Alkaline materials. Strong acids.

Hazardous Decomposition or Byproducts: From combustion: Smoke, Carbon monoxide, carbon dioxide.

Hazardous Polymerization: Will not occur.

## SECTION VI - HEALTH HAZARD DATA

Inhalation? possible - irritant, narcotic  
Skin Absorption? not likely

Routes of Entry

Ingestion?

Skin/Eyes? yes - irritant  
possible-irritant, narcotic

Health Hazards

Acute: Inhalation of vapors may be narcotic or anesthetic. Ingestion of liquid will cause gastrointestinal distress, irritation, and possibly nausea. Liquid or vapors may be irritating to skin and eyes.

Chronic: Unknown.

Carcinogenicity: Listed in NTP? NO

IARC Monographs?

NO

OSHA Regulated? NO

Signs and Symptoms of Exposure: Skin irritation develops slowly after contact, eye irritation develops immediately upon contact. Prolonged exposure can cause: Nausea, headache, vomiting and narcotic effects (Dizziness, confusion, etc.).

Medical Conditions Generally Aggravated by Exposure: Pre-existing skin disorders.

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FIRST AID PROCEDURES

Eye Contact: Flush eyes with water 15 minutes. Get medical attention if symptoms develop and persist.
Skin Contact: Flush with water or soap and water for 15 minutes or until all traces have been removed. Seek medical attention if symptoms develop and persist.
Ingestion: Do NOT induce vomiting, get medical attention.
Inhalation: Remove victim to fresh air and, if needed, immediately begin artificial respiration. Give oxygen if breathing is labored. Get emergency medical help. Contact a physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Spill or Leak Procedures: Emergency response coordinator must have mandated training. Small spills, pick up with absorbent media. Store as INDUSTRIAL waste. Large spills, contain with dikes, pick up with vacuum truck. Handle as INDUSTRIAL waste. Notify proper local, state, and federal authorities.

Precautions to be Taken in Handling and Storage: Store in a cool, ventilated area, away from ignition sources. Store away from oxidizers or materials bearing a yellow "D.O.T." label. Store away from alkaline materials. Store away from acids.

Other Precautions: Clean up leaks/spills immediately to prevent soil or water contamination.

SECTION VIII - CONTROL MEASURES

Respiratory Protections: Not normally needed under proper conditions of use and storage.

Ventilation: Local Exhaust - Recommended Special - Not necessary, Mechanical - Recommended Other - Not necessary

Protective Gloves: Chemical impervious gloves.

Eye Protection: Chemical goggles or full face shield.

Other Protective Equipment: Boots, aprons, drench showers, eye wash as needed for protections against spills and/or splashes.

Work Hygienic Practices: Avoid contact with skin, eyes, and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown in section VI. Launder contaminated clothing before reuse.

SECTION IX - TRANSPORTATION INFORMATION

Domestic: In containers greater than 110 gallons bulk Combustable liquid, n.o.s., Combustable Liquid, NAI993, PGIII. In containers less than 110 gallons bulk, Amazing, not regulated.

SECTION X - REGULATORY/ENVIRONMENTAL

EPA Hazards: Acute-Yes Chronic-No Flammability-Yes Sudden Release of Pressure-No Reactive-No

SARA Title III - Section 313, Toxic Materials: NONE Clean Air Act: section 111. Clean Water Act: Not listed

States Lists: Massachusetts, Pennsylvania, New Jersey

Toxic Substances Control Act (TSCA), 40 CFR 710 Sources of the raw materials used in this mixture assure that all chemical ingredients present are in compliance with Sect. 8(b) Chemical Substance Inventory, or are otherwise in compliance with TSCA.

Footnotes:

NA-Not applicable NE-Data not established CS-Cancer Suspect Agent OX-Oxidizer ND-No data

Cor-Corrosive CALC-Calculated EST-Estimated STEL-Short Time Exposure Limit

TLV-Threshold Limit Value PEL-Permissible Exposure Limit TWA-Time Weighted Average, 8 hours

HMIS, PPI-Hazardous material Identification System, personal Protection Index

The data presented is true and correct to the best of our knowledge and belief, however, neither seller nor preparer makes and warranties, express or implied, concerning the information presented. The user is cautioned to perform his own hazard evaluation and to rely upon his own determination.

Form essentially the same as OSHA Form 174 dated September 1985.

Prepared 4/24/95