

Material Safety Data Sheet

Name and Address: Product Name: Prepared by: Date:

Reliant Technologies, Inc.
2933 Hwy 1, North
Port Allen, Louisiana 70767

ASC-3420 Tar and Asphalt Remover / Emulsifiable Degreaser

Barry Huggins 9/18/2009

Emergency Phone: Product Code

225-383-7923 ASC-3420

HMIS CODE INFORMATION: Health Flammability Reactivity Personal Protection

1 1 0 B

Section 1 - Hazardous Ingredients and Sara Title III Information

Reportable Components:

Ingredient	% wt	CAS #	Limits for Air Exposure	Limits for Skin Exposure
Petroleum Distillate	< 100	64742-47-8	ACGIH TWA 10 ppm ACGIH STEL 15 ppm OSHA TWA 10 ppm NIOSH IDLH 250 ppm	ACGIH TLV = 100 mg/m3
Additive Mixtures	< 50	mixtures	none established	none established

DOT Shipping Name:

In packages of 119 gallons or smaller: Non-Regulated

In packages of 120 gallon or larger: Combustible liquid, NA1993, PG. II, Guide 128

Notes

N/A = Not Applicable IDLH = Immediately Dangerous to Life and Health
PEL = Personal Exposure Limit STEL = Short Term Exposure Limit
TWA = Threshold Weighted Average TLV = Threshold Limit Value

Section 2 - Physical and Chemical Characteristics

Boiling Point:	> 300 F	Vapor Density:	> 1	air = 1
Evaporation Rate:	> 1 water = 1	Solubility in Water:	Dispersable	
Appearance and Odor:	Amber liquid with petroleum odor	Specific Gravity:	0.91	

Section 3 - Fire and Explosion Data

Flash Point: > 100 F Method Used: ASTM D 92

Flammable Limits in Air, by Volume
Lower: None Established
Upper: None Established

Extinguishing Media: Use dry chemical, carbon dioxide, foam, or water spray. Water may be ineffective in fighting fires, but may be used to keep exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors.

Special Firefighting Procedures: Pressure demand, self contained breathing apparatus should be used for fire fighters in buildings or confined area where product is stored.

Unusual Fire and Explosion Hazards: Do not store or mix near strong oxidizing agents. Clothing, rags, or similar organic material contaminated with the product will exhibit the same fire risk as the neat product. Vapor accumulation is possible, and flashback can occur with explosive force, if vapors are ignited.

Section 4 - Physical Hazards and Reactivity Data

Stability: Stable

Conditions and Materials to Avoid: Do not use in or around any source of heat. Especially hot water pressure washers or steam cleaners. Avoid contact with oxidizers such as chlorine, fluorine, nitrogen tetroxide, concentrated oxygen, hydrogen peroxide, potassium permanganate, bleach, calcium hypochlorite, etc. Do not use in an inclosed area without ventilation adequate to prevent exceeding exposure limits.

Hazardous Decomposition Products: Thermal decomposition products may include carbon monoxide, carbon dioxide, oxides of sulfur and nitrogen, and other toxic gasses.

Hazardous Polymerization: Will not occur

Section 5 - Health Hazards Data**Signs and Symptoms of Exposure:****Eye and Skin Contact and****Absorption:**

Skin: Defatting of the skin may occur with continued and prolonged contact. Irritation and burning sensations may occur on exposure to the liquid or mists. Skin absorption is not significant

Eyes: Eye contact can cause a severe burning sensation with temporary irritation and swelling of the eye lids.

Ingestion:

Ingestion: Irritation of the mucous membranes of the throat, esophagus, and stomach may occur, which may result in nausea and vomiting. Central nervous system depression may occur if absorbed. If aspirated, chemical pneumonitis may occur, with potentially fatal results.

Inhalation:

Inhalation: Irritation of the upper respiratory tract and eyes, with possible euphoria, dizziness, headache, discoordination, ringing in the ears, convulsion, coma, and respiratory arrest.

Medical Conditions Generally Aggravated by Exposure:**Skin and eye contact:**

Any medical condition which has the same symptoms and effects as those outlined above can be aggravated by exposure to this product.

Inhalation:

Any respiratory disorders or diseases.

Carcinogen Information:

These products contain no ingredients suspected of being carcinogens

IARC Monographs?

No

NTP?

No

OSHA?

No

Emergency and First Aid Procedures:**Eyes:**

Immediately flush eyes with large amounts of water for at least 15 minutes, holding the eyelids apart to ensure flushing of the entire eye surface. Seek medical attention immediately.

Skin:

Wash skin effected with soap and water for at least 15 minutes. If skin irritation occurs, a soothing ointment may be applied. Remove contaminated clothing and footwear immediately. If irritation persists, seek medical attention.

Ingestion:

If ingested, do not induce vomiting; call physician and seek medical attention immediately. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person.

Inhalation:

If inhaled, remove to fresh air. If breathing has stopped, resuscitate, administer oxygen, and seek medical attention immediately

Section 6 - Precautions and Spill Procedures**Handling and Storage****Precautions:**

Do not use these products in the proximity of heat, pilot lights, sparks, open flames, or any other sources of ignition. Ground containers to protect against static electricity. Do not attempt to refill or clean empty containers; rather, send them for proper recycling or disposal. **EMPTY CONTAINERS RETAIN PRODUCT RESIDUE. DO NOT CUT, WELD, PRESSURIZE, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE EMPTY CONTAINERS TO HEAT, FLAMES, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** For work on tanks which have been used to store this product, refer to OSHA regulation, ANSI Z 49.1, and / or other governmental and industrial references pertaining to cleaning, gas freeing, repairing, welding, or other contemplated operations. **KEEP OUT OF REACH OF CHILDREN.** Keep container closed. Store in a cool, dry area away from heat, flame, oxidizers, and all sources of ignition. Use only with all proper safety equipment and adequate ventilation. **DO NOT** store or use in or near any area with office occupancy.

Steps to be taken if material is Released or Spilled:

Collect spilled material with absorbant to prevent slippery surfaces.

Waste Disposal Method:

Always dispose in accordance with all applicable Federal, State, and Local regulations

Section 7 - Special Protection Information and Control Measures**Respiratory Protection:**

NIOSH approved organic vapor mask in enclosed area.

Ventilation:

Use local exhaust to capture vapor, mists, or fumes if necessary. Provide ventilation sufficient to prevent exceeding recommended exposure limits, or any buildup of explosive concentrations of vapor in air. Prevent smoking or the use of flames or other sources of ignition in the proximity of this product and any discharge of its vapors. Forced air ventilation equal to at least the outside environment should be used when working with this product inside.

Eye Protection:

Face shield and goggles, or chemical goggles where mists or sprays may be generated.

Protective Gloves:

Impermeable gloves, such as nitrile rubber

Work and Hygienic Practices:

Contaminated clothing and footwear should be removed immediately, and laundered before re-use. Items which cannot be laundered should be discarded. Wash hands before eating or using the bathroom.

Other protective equipment:

Rubber boots and splash apron when deemed necessary

Disclaimer:

This safety information is provided to assist customers in assessing measures necessary for compliance with health, safety, and environmental regulations. Individuals handling this product should be informed of the recommended safety precautions, and should have access to this information. The information contained herein is based on available data, and is believed to be accurate. No guarantee or warranty is provided, since the use of this product is within the exclusive control of the user, and it is the user's responsibility to satisfy itself that this information is suitable and complete for its particular use. Customers are responsible for compliance with local, state, and federal regulations that may be pertinent in the storage, application, and disposal of this product.