


# SAFETY DATA SHEET (SDS)

Revision Date: 01/29/2018

## SECTION 1 - CHEMICAL, PRODUCT & COMPANY INFORMATION

Product Name:	<b>GUTTA RESIST SOLVENT</b>	
Product Number/Code:	<b>JAC1793</b>	
Recommended Use:	Used to thin Gutta Resist and clean application bottles/tools.	
Synonym(s):	VM&P Naphtha; Benzin; Naphtha; Naphtha, Solvent; Petroleum Distallates (Naphtha)	
Restrictions on use:	None known	
Emergency Number:	<b>ChemTel, Inc. - Contract #MIS9128344</b> North America: <b>1-800-255-3924</b>	
		International: <b>1-813-248-0585</b>

## SECTION 2 - HAZARD(S) IDENTIFICATION

<b>Toxicological Data on Ingredients:</b>		
Hazard Classification		
Physical Hazards:	Flammable liquids	Category 2
Health Hazards:	Skin corrosion/irritation	Category 2
	Aspiration hazard	Category 2
Environmental Hazards:	Acute hazards to the aquatic environment	Category 3
<b>Label Elements</b>		
Pictogram:		
Signal Words:	Danger, Warning	
<b>Hazard Statements-EU:</b>	H225 Highly flammable liquid and vapor. May cause flash fire or explosion. Aspiration hazard if swallowed -can enter lungs and cause damage. H335 May cause drowsiness or dizziness. H315 Causes skin irritation. H412 Harmful to aquatic life with long lasting effects	

<b>Precautionary Statements-EU:</b>	
Prevention:	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. P261 Avoid breathing fumes. P264 Wash hands thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P273 Avoid release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection.
Response:	P302+P352 IF ON SKIN:Wash with plenty of soap and water. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P312 Call a POISON CENTER or doctor/physician if you feel unwell. P332+P313 IF SKIN irritation occurs: Get medical advice/attention. P362 Take off contaminated clothing and wash before reuse. P370+P378 In case of fire: Use foam, water spray or fog, carbon dioxide or dry powder for extinction.
Storage:	P403+P233 Store in a well-ventilated place, Keep container tightly closed. P403+P235 Store in well-ventilated place. Keep Cool. Protect from Sunlight. P405 Store locked up.
Disposal:	P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Hazard/s/ not otherwise classified:	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<b>Chemical identity</b>	<b>Content in percent (%)*</b>	<b>CAS #</b>
Solvent naphtha (petroleum), light aliph.	>=99 -<=100%	64742-89-8
* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.		
Composition comments: The components are not hazardous or are below required disclosure limits.		

## SECTION 4 - FIRST AID MEASURES

<b>General information:</b>	Get medical attention if symptoms occur.
Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. Perform artificial respiration if breathing has stopped.
Skin contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Eye contact:	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
Ingestion:	Never give liquid to an unconscious person. Do NOT induce vomiting. Get medical attention.
Most important symptoms/effects, acute and delayed:	No data available.
Indication of immediate medical attention and special treatment needed:	Get medical attention if symptoms occur.

## SECTION 5 - FIREFIGHTING MEASURES

General fire hazards:	Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.
Suitable extinguishing media:	Foam. Water Spray or Fog. Carbon dioxide or dry powder.
Unsuitable extinguishing media:	Avoid water in straight hose stream; will scatter and spread fire.
Specific hazards arising from the chemical:	Vapors may travel considerable distance to a source of ignition and flash chemical: back. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.
Special fire fighting procedures:	May travel considerable distance to source of ignition and flash back.
Special protective equipment for fire fighters:	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Ventilate closed spaces before equipment and emergency entering them. ELIMINATE all ignition sources (no smoking, flares, sparks procedures: or flames in immediate area). Keep upwind.
Methods and materials for containment and cleaning up spilled product:	All equipment used when handling the product must be grounded. Eliminate sources of ignition. Absorb spillage with non-combustible, absorbent material. Dike for later disposal.
Notification procedures:	Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.
Environmental precautions:	Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

## SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling:	Use personal protective equipment as required. Flammable/combustible Keep away from oxidizers, heat and flames.
Conditions for safe storage including any incompatibilities:	Keep container tightly closed. Protect from sunlight.

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Control parameters:</b>	
Occupational exposure limits:	None of the components have assigned exposure limits.
Appropriate engineering controls:	Adequate ventilation should be provided so that exposure limits are not controls exceeded. Provide eyewash station and safety shower.
<b>Individual protection measures (such as personal protective equipment):</b>	
General information:	Use explosion-proof ventilation equipment. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Eye/face protection:	Wear approved safety goggles.
Hand protection:	Wear chemical-resistant gloves. Contact glove manufacturer for specific information.
Other:	No data available.
Respiratory protection:	Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits.
Hygiene measures:	Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.



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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and physical state:	Liquid
Color:	Clear
Upper/lower flammability or explosive limits:	No data available.
Odor:	No data available.
Vapor pressure:	No data available.
Odor threshold:	No data available.
Vapor density:	No data available.
pH:	No data available.
Relative density:	No data available.
Melting point/freezing point:	No data available.
Solubility(ies):	No data available.
Initial boiling point and boiling range:	245 - 302 °F / 118 - 150 °C
Flash point:	57 - 64 °F / 13 - 17 °C
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

## SECTION 10 - STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Keep away from sources of ignition -No smoking.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	No data available.



## SECTION II - TOXICOLOGICAL INFORMATION

<b>Symptoms related to the physical, chemical and toxicological characteristics:</b>	
Ingestion:	No data available.
Inhalation:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.
<b>Information on toxicological effects:</b>	
Acute toxicity (list all possible routes of exposure)	
Oral:	LD 50 (Rat): > 5,200 mg/kg (,Yes ) 1 (reliable without restriction)
Dermal:	LD 50 (Rabbit): > 2,000 mg/kg (,Yes) 2 (reliable with restrictions)
Inhalation:	LC 50 (Rat, ) : > 5,240 mg/m3 (,Yes) 1 (reliable without restriction)
Repeated dose toxicity:	No data available.
Skin corrosion/irritation:	No data available.
Serious eye damage/irritation:	No data available.
Respiratory or skin sensitization:	No data available.
<b>Carcinogenicity:</b>	
Carcinogenicity:	No data available.
IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:	No carcinogenic components identified.
US. National Toxicology Program (NTP) Report on Carcinogens	No carcinogenic components identified.
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	No carcinogenic components identified.
<b>Germ cell mutagenicity:</b>	
In vitro:	No data available.
In vivo:	No data available.
Reproductive toxicity:	No data available.
Specific target organ toxicity - single exposure:	No data available.
Specific target organ toxicity - repeated exposure:	No data available.
Aspiration hazard:	No data available.
Other effects:	No data available.

## SECTION 12 - ECOLOGICAL INFORMATION

<b>Ecotoxicity (Acute hazards to the aquatic environment):</b>	
Fish:	No data available.
Aquatic invertebrates:	No data available.
Toxicity to Aquatic Plants:	No data available.
<b>Persistence and degradability:</b>	
Biodegradation:	No data available.
BOD/COD Ratio:	No data available.
<b>Bioaccumulative potential:</b>	
Bioconcentration factor (BCF):	No data available.
Partition coefficient n-octanol / water (low Kow):	No data available.
<b>Mobility in soil:</b>	
<b>Known or predicted distribution to environmental compartments:</b>	
Solvent naphtha (petroleum), light aliph.	No data available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Instructions:	All waste must be handled in accordance with Waste Act (No. 185/2001 Coll.), as amended, and related regulations, as amended. Discharge, treatment, or disposal may be subject to national, state, or local laws.
Contaminated packaging:	Since emptied containers retain product residue, follow label warnings even after container is emptied.



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## SECTION 14 - TRANSPORT INFORMATION

<b>DOT:</b>	
UN number:	UN 1268
UN proper shipping name:	Petroleum distillates, n.o.s.
Transport hazard class(es):	
Class:	3
Label(s):	3
Packing group:	II
Marine Pollutant:	Not regulated.
Special precautions for user:	---
<b>IMDG:</b>	
UN number:	UN 1268
UN proper shipping name:	PETROLEUM DISTILLATES, N.O.S.
Transport hazard class(es):	
Class:	3
Label(s):	3
Packing group:	F-E, S-E
Marine Pollutant:	Not regulated.
Special precautions for user:	---
<b>IATA:</b>	
UN number:	UN 1268
UN proper shipping name:	Petroleum distillates, n.o.s.
Transport hazard class(es):	
Class:	3
Label(s):	3
Packing group:	II
Environmental hazards:	Not regulated.
Special precautions for user:	---
Other information:	
Passenger and cargo aircraft:	Allowed.
Cargo aircraft only:	Allowed.





## SECTION 15 - REGULATORY INFORMATION

<b>US Federal regulations:</b>	
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	None present or none present in regulated quantities.
CERCLA Hazardous Substance List (40 CFR 302.4)	None present or none present in regulated quantities.
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA):</b>	
Hazard categories	Not listed.
SARA 302 Extremely hazardous substance	None present or none present in regulated quantities.
SARA 304 Emergency release notification	None present or none present in regulated quantities.
SARA 311/312 Hazardous chemical	
<b>Chemical identity:</b>	<b>Threshold Planning Quantity:</b>
None present or none present in regulated quantities.	
Solvent naphtha (petroleum), light aliph	500 lbs
SARA 313 (Tri reporting)	None present or none present in regulated quantities.
Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)	None present or none present in regulated quantities.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention	None present or none present in regulated quantities.
<b>US State regulations:</b>	
US. California Proposition 65	No ingredient regulated by CA Prop 65 present.
US. New Jersey Worker and Community Right-to-Know Act	No ingredient regulated by NJ Right-to-Know Law present.
US. Massachusetts RTK -Substance List	No ingredient regulated by MA Right-to-Know Law present.
US. Pennsylvania RTK -Hazardous Substances	No ingredient regulated by PA Right-to-Know Law present.
US. Rhode Island RTK	No ingredient regulated by RI Right-to-Know Law present.
<b>Inventory status:</b>	
Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EU EINECS List:	Not in compliance with the inventory.
EU ELINCS List:	Not in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
EU No Longer Polymers List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Philippines PICCS:	Not in compliance with the inventory.
US TSCA Inventory:	Not in compliance with the inventory.
New Zealand Inventory of Chemicals:	Not in compliance with the inventory.
Japan ISHL Listing:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.

## SECTION 16 - OTHER INFORMATION

<b>HMIS Hazard ID:</b>	
Health:	1
Flammability:	3
Physical hazards:	0
PERSONAL PROTECTION:	B - Safety Glasses & Gloves
<b>NFPA Hazard ID:</b>	
Flammability:	3
Health:	1
Reactivity:	0
Hazard rating: 0 - Minimal; 1 - Slight; 2 - Moderate; 3 - Serious; 4 - Severe; *Chronic health effect	

**Disclaimer:**

The information contained in this SDS is based on data from sources considered to be reliable but Dharma Trading Co. does not guarantee the accuracy or completeness thereof. Dharma Trading Co. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with this product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology or fire and understand the data in this SDS.

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<b>National Chemical Inventories:</b>	
All components of this product are listed on the following chemical substance inventories: TSCA (USA)	
DSL	(Canada)
EINECS	(Europe)
ENCS	(Japan) ECL
	(Korea)
AICS	(Australia) NZIoC
	(New Zealand)
PICCS	(Philippines)
IECSC	(China)

<b>Abbreviations:</b>	
ACGIH	American Conference of Governmental Industrial Hygienists
ADR	International carriage of Dangerous goods by Road
AICS	Australian Inventory of Chemical Substances
ATE	Acute Toxicity Estimate
BfR	Bundesinstitut für Risikobewertung recommendations for food contact materials
BCF	Bioconcentration Factor
BOD5	5-day Biochemical Oxygen Demand
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CLP	Classification, Labeling and Packaging regulation
COD	Chemical Oxygen Demand DOT Department of Transportation DSL Domestic Substances List
EINECS	European Inventory of Existing Chemical Substances
ECL	Existing Chemicals List (Korea)
ENCS	Existing and New Chemical Substances Inventory (Japan)
EN 689	Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy.
ERG	Emergency Response Guide
GHS	Globally Harmonized System
HMIS	Hazardous Materials Information System IARC International Agency for Research on Cancer IATA International Air Transport Association
ICAO	International Civil Aviation Organization IDLH Immediately Dangerous to Life and Health IMDG International Maritime Dangerous Goods
LD50	Lethal Dose to 50% of test animal population
MAK	Maximale Arbeitsplatz Konzentration
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety & Health Administration
PBT	Persistent, Bioaccumulative and Toxic vPvB Very Persistent and Very Bioaccumulative PEL Permissible exposure limit
PICCS	Philippine Inventory of Commercial Chemical Substances
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemical Substances
RID	International carriage of dangerous goods by Rail SARA Superfund Amendments and Reauthorization Act STEL Short Term Exposure Limit
SVHC	Substance of Very High Concern
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
VOC	Volatile Organic Compound
WGK	Wassergefährdungsklasse (Water Hazard Class) WHMIS Workplace Hazardous Material Identification System