



1. Product and Company Identification

Product Code:	AG-S	
Product Name:	Gunny Solv	
Company Name:	Crest Industries, Inc. 1337 King Road Trenton, MI 48183	Phone Number: (734)479-4141
Web site address:	crestauto.com	
Emergency Contact:	Chemtel International Calls	(800)255-3924 (813)248-0585
Stock Number(s):	AG-S	

2. Hazards Identification

Flammable Aerosols, Category 1
 Serious Eye Damage/Eye Irritation, Category 2A
 Toxic To Reproduction, Category 2
 Specific Target Organ Toxicity (single exposure), Category 3
 Specific Target Organ Toxicity (repeated exposure), Category 2
 Aspiration Toxicity, Category 1
 Gas Under Pressure, Compressed gas



GHS Signal Word:	Danger
GHS Hazard Phrases:	H222 - Extremely flammable aerosol. H280 - Contains gas under pressure; may explode if heated. H304 - May be fatal if swallowed and enters airways. H319 - Causes serious eye irritation. H336 - May cause drowsiness or dizziness. H335 - May cause respiratory irritation. H361 - Suspected of damaging fertility or the unborn child . H373 - May cause damage to eyes, skin, central nervous system, respiratory system, and peripheral nervous system through prolonged or repeated exposure.
GHS Precaution Phrases:	P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P210 - Keep away from sparks/open flames/hot surfaces. - No smoking. P211 - Do not spray on an open flame or any other ignition source. P251 - Pressurized container: Do not pierce or burn, even after use. P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P264 - Wash face,hands and exposed skin thoroughly after handling. P271 - Use only outdoors or in a well-ventilated area. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
GHS Response Phrases:	P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 - Do NOT induce vomiting. P312 - Call a POISON CENTER or doctor/physician if you feel unwell. P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention. P308+313 - IF exposed or concerned: Get medical attention/advice.



GHS Storage and Disposal Phrases:

P314 - Get medical attention/advice if you feel unwell.
 P405 - Store locked up.
 P410+403 - Protect from sunlight and store in well-ventilated place.
 P412 - Do not expose to temperatures exceeding 50 °C/122 °F.
 P404 - Store in a closed container. P501 - Dispose of contents/container to an approved treatment/storage/disposal facility in accordance with local/regional/national and international regulations.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-64-1	Acetone	50.00 - 60.00 %
124-38-9	Carbon dioxide	1.000 - 10.00 %
79-20-9	Methyl acetate (Methyl ester of acetic acid)	1.000 - 10.00 %
64742-89-8	Hexane, Light aliphatic naptha	1.000 - 10.00 %
111-76-2	Ethanol, 2-Butoxy-	1.000 - 10.00 %
108-88-3	Toluene	20.00 - 30.00 %
67-63-0	Isopropyl alcohol	1.000 - 10.00 %
107-21-1	Ethylene glycol	<0.100 %
100-41-4	Ethylbenzene	<0.100 %
71-43-2	Benzene	<0.100 %

4. First Aid Measures

Emergency and First Aid Procedures:

Move out of dangerous area.

In Case of Inhalation:

If breathed in, move person into fresh air. Consult a physician. If breathing is difficult, give oxygen.

In Case of Skin Contact:

Wash off with soap and plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical aid if irritation develops or persists.

In Case of Eye Contact:

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

In Case of Ingestion:

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Note to Physician:

Show this safety data sheet to the doctor in attendance. Treat symptomatically and supportively.

5. Fire Fighting Measures

Flash Pt: > -4.00 C (24.8 F) Method Used: Estimate

Explosive Limits: LEL: UEL:

Autoignition Pt:

Suitable Extinguishing Media: Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Water may be ineffective. Use water spray to cool fire-exposed containers.

Unsuitable Extinguishing Media: Do not use water jet as an extinguisher, as this will spread the fire.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Use water spray to keep fire-exposed containers cool. Containers may explode in the heat of a fire. Vapors are heavier than air and may travel to a source of ignition and flash back.

Flammable Properties and Hazards: Carbon oxides.
 Keep away from heat/sparks/open flame/hot surface/oxidizing gas. No smoking.



Hazardous Combustion Hazardous decomposition products formed under fire conditions. Carbon oxides.

Products:

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Take precautionary measures against static discharge.

Steps To Be Taken In Case Material Is Released Or Spilled: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid breathing vapors, mist or gas. Beware of vapours accumulating to form explosive concentrations.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Use only with adequate ventilation.

Precautions To Be Taken in Storing: Contents under pressure. Keep away from sources of ignition. Store in cool, dry area.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	
124-38-9	Carbon dioxide	PEL: 5000 ppm	TLV: 5000 ppm STEL: 30,000 ppm	
79-20-9	Methyl acetate (Methyl ester of acetic acid)	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	
64742-89-8	Hexane, Light aliphatic naptha			
111-76-2	Ethanol, 2-Butoxy-	PEL: 50 ppm	TLV: 20 ppm	
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	
67-63-0	Isopropyl alcohol	PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm	
107-21-1	Ethylene glycol		CEIL: 100 mg/m3 (H)	
100-41-4	Ethylbenzene	PEL: 100 ppm	TLV: 20 ppm STEL: 125 ppm	
71-43-2	Benzene	PEL: 1 ppm STEL: 5 ppm CEIL: 25 ppm	TLV: 0.5 ppm STEL: 2.5 ppm	



Respiratory Equipment (Specify Type):	Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Eye Protection:	Safety glasses with side-shields.
Protective Gloves:	Wear appropriate gloves to prevent skin exposure.
Other Protective Clothing:	Wear appropriate protective clothing to minimize contact with skin.
Engineering Controls (Ventilation etc.):	Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.
Work/Hygienic/Maintenance Practices:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
Environmental Exposure Controls:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

9. Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid
Appearance and Odor:	Clear. solvent odor.
pH:	
Melting Point:	
Boiling Point:	
Flash Pt:	> -4.00 C (24.8 F) Method Used: Estimate
Evaporation Rate:	
Flammability (solid, gas):	
Explosive Limits:	LEL: UEL:
Vapor Pressure (vs. Air or mm Hg):	
Vapor Density (vs. Air = 1):	
Specific Gravity (Water = 1):	.824
Solubility in Water:	
Octanol/Water Partition Coefficient:	
Percent Volatile:	37.1 % by weight.
VOC / Volume:	2.54 LB/GA
Autoignition Pt:	
Decomposition Temperature:	
Viscosity:	

10. Stability and Reactivity

Reactivity:	Stable under normal temperatures and pressures.
Stability:	Unstable [] Stable [X]
Conditions To Avoid - Instability:	Heat, flames and sparks. Extremes of temperature and direct sunlight. ignition sources.
Incompatibility - Materials To Avoid:	Strong oxidizing agents, Strong reducing agents.
Hazardous Decomposition or Byproducts:	Carbon oxides.
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions:	Vapors may form explosive mixture with air.



11. Toxicological Information

Toxicological Information:

Symptoms related to Toxicological Characteristics:

Aspiration hazard:
Moderate eye irritation.

Sensitization:

Guinea pig 88%, 4
Result: No data available.
Maximisation Test. Species: Guinea pig.

Chronic Toxicological Effects:

Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.
Specific target organ toxicity - repeated exposure: No data available. IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Carcinogenicity/Other Information:

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.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
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. CAS# 123-86-4: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 141-78-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity.
IARC: 3 -Group 3: Not classifiable as to its carcinogenicity to humans. CAS# 1333-86-4: ACGIH: Not listed.
California: carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size).
NTP: Not listed.
CAS# 100-41-4: ACGIH: A3 - Confirmed animal carcinogen with unknown relevance to humans.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
124-38-9	Carbon dioxide	n.a.	n.a.	n.a.	n.a.
79-20-9	Methyl acetate (Methyl ester of acetic acid)	n.a.	n.a.	n.a.	n.a.
64742-89-8	Hexane, Light aliphatic naptha	n.a.	n.a.	n.a.	n.a.
111-76-2	Ethanol, 2-Butoxy-	n.a.	3	A3	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.
67-63-0	Isopropyl alcohol	n.a.	3	A4	n.a.
107-21-1	Ethylene glycol	n.a.	n.a.	A4	n.a.
100-41-4	Ethylbenzene	n.a.	2B	A3	n.a.
71-43-2	Benzene	Known	1	A1	Yes



12. Ecological Information

13. Disposal Considerations

Waste Disposal Method: Contact a licensed professional waste disposal service to dispose of this material. Observe all federal, state, and local environmental regulations. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Limited Quantity.
DOT Hazard Class:
UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name:
UN Number:
Hazard Class: **TDG Classification:**

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity)
UN Number: 1950 **Packing Group:**
Hazard Class: 2.1 - FLAMMABLE GAS **IMDG MFAG Number:**

IMDG EMS Page:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity)
UN Number: 1950
Hazard Class: 2.1 - FLAMMABLE GAS

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-64-1	Acetone	No	Yes 5000 LB	No
124-38-9	Carbon dioxide	No	No	No
79-20-9	Methyl acetate (Methyl ester of acetic acid}	No	No	No
64742-89-8	Hexane, Light aliphatic naptha	No	No	No
111-76-2	Ethanol, 2-Butoxy-	No	No	Yes-Cat. N230
108-88-3	Toluene	No	Yes 1000 LB	Yes
67-63-0	Isopropyl alcohol	No	No	Yes
107-21-1	Ethylene glycol	No	Yes 5000 LB	Yes
100-41-4	Ethylbenzene	No	Yes 1000 LB	Yes
71-43-2	Benzene	No	Yes 10 LB	Yes



SAFETY DATA SHEET

Gunny Solv

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Explosive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Acute toxicity (any route of exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Flammable (gases, aerosols, liquid, or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Skin Corrosion or Irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Oxidizer (liquid, solid or gas)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Serious eye damage or eye irritation
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-reactive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Respiratory or Skin Sensitization
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric (liquid or solid)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Germ cell mutagenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Pyrophoric gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Carcinogenicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Self-heating	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reproductive toxicity
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Organic peroxide	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Specific target organ toxicity (single or repeated exposure)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Corrosive to metal	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Aspiration Hazard
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Gas under pressure (compressed gas)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Simple Asphyxiant
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	In contact with water emits flammable gas	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Health) Hazard Not Otherwise Classified (HNOC)
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Combustible Dust		
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(Physical) Hazard Not Otherwise Classified (HNOC)		

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
67-64-1	Acetone	No	No	Yes
124-38-9	Carbon dioxide	No	Yes - 74.	Yes
79-20-9	Methyl acetate (Methyl ester of acetic acid)			Yes
64742-89-8	Hexane, Light aliphatic naptha	Yes	No	Yes
111-76-2	Ethanol, 2-Butoxy-	Yes: Part 5	Yes - 70.	Yes
108-88-3	Toluene	Yes: Part 5	No	Yes
67-63-0	Isopropyl alcohol	Yes: Part 5		Yes
107-21-1	Ethylene glycol	Yes: Part 1A	No	Yes
100-41-4	Ethylbenzene	Yes: Part 1A	No	Yes
71-43-2	Benzene	Yes: Part 5	Yes - 26.	Yes

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
67-64-1	Acetone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: No; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP: No; WI Air: Yes
124-38-9	Carbon dioxide	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
79-20-9	Methyl acetate (Methyl ester of acetic acid)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
64742-89-8	Hexane, Light aliphatic naptha	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
111-76-2	Ethanol, 2-Butoxy-	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Yes - Cat.; NC TAP: Yes - Cat.; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: Yes - 1; SC TAP: Yes - Cat.; WI Air: Yes
108-88-3	Toluene	CAA HAP,ODC: HAP: VHAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes: RDTox(F); CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR - 32, Part 5; NC TAP: Yes: NC TAP; NJ EHS: Yes - 1866; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP:



SAFETY DATA SHEET

Gunny Solv

67-63-0	Isopropyl alcohol	Yes; WI Air: Yes CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC: Cat. IIb, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1076; NY Part 597: No; PA HSL: Yes - E; SC TAP: No; WI Air: No
107-21-1	Ethylene glycol	CAA HAP,ODC: HAP: VHAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes: RDTox.; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: No; MI CMR, Part 5: Part 5; NC TAP: Yes: US HAP; NJ EHS: Yes - 0878; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
100-41-4	Ethylbenzene	CAA HAP,ODC: HAP: VHAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: Yes: Canc.; CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes: US HAP; NJ EHS: Yes - 0851; NY Part 597: Yes: HS; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
71-43-2	Benzene	CAA HAP,ODC: HAP: VHAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes: Canc+RDTox(M); CA TAC, Title 8: TAC: Cat. IIa, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR - 11, Part 5; NC TAP: Yes: NC TAP; NJ EHS: Yes - 0197; NY Part 597: Yes: HS; PA HSL: Yes - B; SC TAP: Yes; WI Air: Yes

CAS # Hazardous Components (Chemical Name)**International Regulatory Lists**

67-64-1	Acetone
124-38-9	Carbon dioxide
79-20-9	Methyl acetate (Methyl ester of acetic acid)
64742-89-8	Hexane, Light aliphatic naptha
111-76-2	Ethanol, 2-Butoxy-
108-88-3	Toluene
67-63-0	Isopropyl alcohol
107-21-1	Ethylene glycol
100-41-4	Ethylbenzene
71-43-2	Benzene

Canadian WHMIS Classification:

CLASS B, DIVISION 2: Flammable Liquids

CLASS D, DIVISION 2, SUBDIVISION A: Very Toxic Materials (carcinogens, reproductive toxicity, etc.)



16. Other Information

Revision Date: 08/15/2018

**Additional Information About
This Product:**

**Company Policy or
Disclaimer:**

The information contained in this SDS is believed to be accurate and reliable as of the date indicated. Crest Industries, Inc. assumes no legal responsibility and makes no representation, warranty or guarantee, expressed or implied, as to the completeness or accuracy of the information. It is offered solely for your consideration, investigation and verification. The user is ultimately responsible for the safe use of the material in accordance with applicable federal, state, provincial and local laws and regulations.