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#### 1. Product and Company Identification **Product Code:** AM-11 **Truck Color Product Name:** Crest Industries, Inc. Phone Number: **Company Name:** 1337 King Road (734)479-4141 Trenton, MI 48183 Web site address: crestauto.com Chemtel (800)255-3924 **Emergency Contact:** International Calls (813)248-0585 AM-11 Stock Number(s):

# 2. Hazards Identification

Flammable Aerosols, Category 1 Serious Eye Damage/Eye Irritation, Category 2A Carcinogenicity, Category 1B Specific Target Organ Toxicity (single exposure), Category 3 Gas Under Pressure, Compressed gas Skin Corrosion/Irritation, Category 2 Acute Toxicity: Inhalation, Category 4



GHS Signal Word:	Danger
GHS Hazard Phrases:	H222 - Extremely Flammable Aerosol.
	H280 - Contains gas under pressure; may explode if heated.
	H315 - Causes skin irritation.
	H319 - Causes serious eye irritation.
	H332 - Harmful if inhaled.
	H336 - May cause drowsiness or dizziness.
	H350 - May cause cancer.
GHS Precaution Phrases:	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.
	P261 - Avoid breathing vapours/spray.
	P264 - Wash hands thoroughly after handling.
	P271 - Use only outdoors or in a well-ventilated area.
	P280 - Wear eye protection.
	P201 - Obtain special instructions before use.
	P202 - Do not handle until all safety precautions have been read and understood.
GHS Response Phrases:	P302+352 - IF ON SKIN: Wash with plenty of soap and water.
-	P332+313 - If skin irritation occurs, get medical advice/attention.
	P304+340 - 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.
	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.
	P362 - Take off contaminated clothing and wash before re-use.
GHS Storage and Disposal	P410+403 - Protect from sunlight and store in well-ventilated place.



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Phrases:

P412 - Do not expose to temperatures exceeding 50 °C/122 °F. P501 - Dispose of contents/container to an approved treatment/storage/disposal facility in accordance with local/regional/national and international regulations. P405 - Store locked up.

# Potential Health Effects (Acute and Chronic):

# 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-64-1	Acetone	15.00 - 20.00 %
74-98-6	Propane	12.00 - 21.00 %
123-86-4	Butyl acetate	5.000 - 7.000 %
141-78-6	Acetic acid, ethyl ester	25.00 - 30.00 %
106-97-8	Butane	5.000 - 8.000 %
108-65-6	Propylene glycol methyl ether acetate	1.000 - 2.000 %
110-19-0	Iso-Butyl acetate	2.000 - 4.000 %
763-69-9	Ethyl 3-ethoxypropionate	1.000 - 3.000 %
9004-70-0	Nitrocellulose	1.000 - 2.000 %
67-63-0	Isopropyl alcohol	1.000 - 2.000 %

# 4. First Aid Measures

Emergency and First Aid					
Procedures:					
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:	< -18.0 C (-0.4 F) Method Used: Estimate				
Explosive Limits:	LEL: UEL:				
Autoignition Pt:					
Suitable Extinguishing Media:Use water spray, dry chemical, carbon dioxide, or alcohol-resistant foam. Use water spray to cool fire-exposed containers.					
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. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. This liquid floats on water and may travel to a source of ignition and spread fire.				
Flammable Properties and	Carbon oxides.				
Hazards:	Keep away from heat/sparks/open flame/hot surface/oxidizing gas. No smoking.				



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**Products:** 

Hazardous decomposition products formed under fire conditions.

Protective Precautions, Protective Equipment and Emergency Procedures:	Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Vapours can accumulate in low areas.				
<b>Environmental Precautions:</b>	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.				
Steps To Be Taken In Case Material Is Released Or Spilled:	Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13). Avoid breathing vapors, mist or gas.				
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	<b>Controls/Personal</b>	Protection
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CAS #	Partial Chemical	Name	OSHA TWA	ACGIH TWA	Other Limits	
67-64-1	Acetone		PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm		
74-98-6	Propane		PEL: 1000 ppm	TLV: (2500 ppm)		
123-86-4	Butyl acetate		PEL: 150 ppm	TLV: 150 ppm STEL: 200 ppm		
141-78-6	Acetic acid, ethyl	ester	PEL: 400 ppm	TLV: 400 ppm		
106-97-8	Butane			TLV: (800 ppm)		
108-65-6	Propylene glycol r	methyl ether acetate				
110-19-0	Iso-Butyl acetate		PEL: 150 ppm	TLV: 150 ppm		
763-69-9	Ethyl 3-ethoxypro	I 3-ethoxypropionate				
9004-70-0	Nitrocellulose					
67-63-0	Isopropyl alcohol		PEL: 400 ppm	TLV: 200 ppm STEL: 400 ppm		
Respiratory Equipment (Specify Type):		Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. 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.				
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/Hygien Practices:	ic/Maintenance	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.				



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9. Physical and Chemical Properties					
Physical States:	[]Gas [X]Liquid []Solid				
Appearance and Odor:	White. solvent odor.				
pH:					
Melting Point:	- 0 C (32.0 F)				
Boiling Point:	- 0 C (32.0 F)				
Flash Pt:	< -18.0 C (-0.4 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):					
Density:	~ 0.825 G/ML				
Solubility in Water:					
Octanol/Water Partition					
Coefficient:					
Percent Volatile:	63.9 % by weight.				
Autoignition Pt:					
Decomposition Temperature					
Viscosity:					
	10. Stability and Reactivity				
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:	r Carbon oxides.				
Possibility of Hazardous Reactions:	Will occur [ ] Will not occur [ X ]				
Conditions To Avoid - Hazardous Reactions:	Vapors may form explosive mixture with air.				



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11. Toxicological Information							
Toxicologica	al Information:						
Sensitization:		Guinea pig 88%, 4 Result: No data available. Maximisation Test. Species: Gui					
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. 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.	
74-98-6	Propane		n.a.	n.a.	n.a.	n.a.	
123-86-4	Butyl acetate		n.a.	n.a.	n.a.	n.a.	
141-78-6	Acetic acid, ethyl ester		n.a.	n.a.	n.a.	n.a.	
106-97-8	Butane	Butane		n.a.	n.a.	n.a.	
108-65-6	Propylene glyc	Propylene glycol methyl ether acetate		n.a.	n.a.	n.a.	
110-19-0	Iso-Butyl aceta	ate	n.a.	n.a.	n.a.	n.a.	
763-69-9	Ethyl 3-ethoxy	propionate	n.a.	n.a.	n.a.	n.a.	
9004-70-0	Nitrocellulose		n.a.	n.a.	n.a.	n.a.	
67-63-0	Isopropyl alcol	nol	n.a.	3	A4	n.a.	
		12. Ecological Ir	nformation	1			
		12 Dismosol Com					

# 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.

 RCRA U-Series: None listed.
 RCRA U-Series: None listed.

 CAS# 141-78-6: waste number U112 (Ignitable waste).

# **14. Transport Information**

CREST °		SAFET	SAFETY DATA SHEET		Page: 6	
		Tr	uck Color		Revision: 02/09/2015	
LAND TRAN	ISPORT (US DOT):					
DOT Pro	per Shipping Name	: Limited Quantity.				
	ard Class:					
	lumber: ISPORT (Canadian					
	oping Name:	100).				
UN Numb						
Hazard C	lass:		TDG Class	sification:		
	ANSPORT (IMDG/I	-				
IMDG/IN UN Num	IO Shipping Name:	Aerosols, flammable, (e 1950		• • • • • • • • • • • • • • • • • • • •		
Hazard (		2.1 - FLAMMABLE GAS	Packing (	Sroup:		
			IMDG MF	AG Number:		
	MS Page:					
	PORT (ICAO/IATA):		a ale va at a second			
ICAO/IA <sup>-</sup> UN Num	TA Shipping Name: ber:	Aerosols, flammable, (e 1950	ach not exceeding	g 1 L capacity)		
Hazard C		2.1 - FLAMMABLE GAS	5			
		15. Regulato	ry Informatio	on		
EPA SARA (S	Superfund Amendmer	nts and Reauthorization Act	of 1986) Lists			
<b>CAS #</b> 67-64-1	Hazardous Compo Acetone	nents (Chemical Name)	<b>S. 302 (EHS)</b> No	<b>S. 304 RQ</b> Yes 5000 LB	<b>S. 313 (TRI)</b> No	
74-98-6	Propane		No	No	No	
123-86-4	Butyl acetate		No	Yes 5000 LB	No	
141-78-6	Acetic acid, ethyl es	ter	No	Yes 5000 LB	No	
106-97-8	Butane		No	No	No	
108-65-6	Propylene glycol me	ethyl ether acetate	No	No	No	
110-19-0	Iso-Butyl acetate		No	Yes 5000 LB	No	
763-69-9	Ethyl 3-ethoxypropie	onate	No	No	No	
9004-70-0	Nitrocellulose		No	No	No	
67-63-0	Isopropyl alcohol		No	No	Yes	
Hazard Cate	tle III Sections [> ndicated: [>	(] Yes [ ] No Chronic (d (] Yes [ ] No Fire Hazar	elease of Pressure	zard		
CAS #	Hazardous Compo	nents (Chemical Name)	Other US EPA o	or State Lists		
67-64-1	Acetone		Inventory, 4 Tes MA Oil/HazMat:	Yes; MI CMR, Part 5 0006; NY Part 597: Y	No; TSCA: Yes - CA TAC, Title 8: Title 8; 5: Part 5; NC TAP: No; es; PA HSL: Yes - E; Si	
74-98-6	Propane		CAA HAP,ODC: Inventory; CA P Oil/HazMat: Yes	No; CWA NPDES: N PROP.65: No; CA TA ; MI CMR, Part 5: No		

WI Air: No

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123-86-4 141-78-6	Butyl acetate Acetic acid, ethyl ester	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes - Inventory, 4 Test; 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: Yes - 1329; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: Title 8;
106-97-8	Butane	MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0841; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes 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: Yes - 0273; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No;
108-65-6	Propylene glycol methyl ether acetate	WI Air: No CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 8A PAIR, 8D TERM; 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
110-19-0	Iso-Butyl acetate	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: Yes - 1041; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes
763-69-9	Ethyl 3-ethoxypropionate	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
9004-70-0	Nitrocellulose	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1366; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
67-63-0	Isopropyl alcohol	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: TAC, 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

### 16. Other Information

Additional Information AboutThis Product:Company Policy orThe informDisclaimer:date indication

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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.

**Revision Date:**