

# SAFETY DATA SHEET

Global Harmonized System of Classification and Labeling of Chemicals Format

## I. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Part (A) Dry Powder Mix (GEM SPARKLE)  
PRODUCT TYPE: Powdered Detergent  
CHEMICAL NAME: Specialty Alcohol Sulfate

### Manufacturer / Supplier Information

SDS Prepared by:  
Chem-Tex Laboratories, Inc.  
2725 Armentrout Drive  
Concord, NC 28025

Emergency Phone Number (24 hours/day)  
Chemtrec 800-424-9300

Prepared for:  
SPEEDBRITE INC.  
1810 W. Innes St. Salisbury, NC 28144

1-800-438-2310  
Email: info@speedbrite.com

For additional health, safety or regulatory information, call (704) 795-9322 during business hours.

*Prepared:* 05/28/2012  
*SDS Updated:* 01/03/2025

## II. HAZARD IDENTIFICATION

### Occupational Health & Safety Components

Hazardous Ingredients	CAS#	Percentage	LD <sub>50</sub> (Mg/kg)	LC <sub>50</sub> (ppm/hr)	SARA Title III
None known					

GHS Classification: Acute Toxicity, Oral-Category 4      Skin Corrosion/Irritation, Category 2  
Eye Irritation, Category 2A

HMIS:      **Health-1**                      **Fire-0**                      **Reactivity-0**                      **PPE- B**

Signal Word: **Warning**

Health Hazards:

H315: Causes Skin Irritation  
H319: Causes Serious Eye Irritation

Precautionary Statements:

P264: Wash...Thoroughly after handling.  
P280: Wear protective clothing/eye protection  
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
P337 + P313: IF EYE IRRITATION PERSISTS: Get medical attention.  
P314: Get medical advice/attention if you feel unwell.



Irritant

**III. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredients	CAS#	Percentage	OSHA-PEL	ACGIH-TLV
Non-hazardous components are proprietary				

**IV. First Aid Measures**

**EYES:** P305 + P351 + P338: IF IN EYES: Rinse continuously with water for several (15) minutes. Remove contact lens if present and easy to do. Continue rinsing.  
P337 + P313: IF EYE IRRITATION PERSISTS: Get medical attention.

**SKIN:** P303 + P361 + P353: IF ON SKIN (OR HAIR): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.

**INHALATION:** P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P342 + P311: If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.

**INGESTION:** P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P311: Call a POISON CENTER or doctor/physician.

**V. Fire Fighting Measures**

**FLASH POINT:** Non flammable

**FIRE AND EXPLOSION HAZARDS:** No fire or explosive hazards. If containers are in a fire or if heated by fire, a pressure increase will occur in a closed container and bursting may occur.

**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>, Dry Chemical or Foam

**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Use water spray to cool fire exposed containers.

**VI. Accidental Release Measures**

**PERSONAL PRECAUTIONS:** P262: Do not get in eyes, on skin, or on clothing.  
P264: Wash thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**ENVIRONMENTAL PRECAUTIONS:** P273: Avoid release to the environment. Limit leakage with binder (sand, earth or vermiculite). Do not discharge into drains/surface water/groundwater. Dispose of absorbed material in accordance with local, state and federal regulations.

**METHODS FOR CONTAINMENT/CLEANUP:**  
Dike Spill and re containerize. Use appropriate absorbent (sand, earth or vermiculite, etc.). Dispose material in accordance with local, state and federal regulations.

**VII. Handling and Storage**

**HANDLING:** P262: Do not get into eyes, on skin or on clothing.  
P264: Wash thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**STORAGE:** P402 + P404: Store in a dry place. Store in a closed container.

**SPECIAL PACKAGING REQUIREMENTS:** P406: Store in a corrosive resistant container with a resistant inner liner.

**INCOMPATIBLE MATERIALS:** Incompatible with strong oxidizing agents.

Store containers between 50° F and 100° F and away from strong oxidizing agents. Product will crystallize if subjected to temperatures below 45° F. If material is hazy or frozen set out in warm environment until thawed then stir until homogeneous.

**SHELF LIFE:** 2 years

---

## VIII. Exposure Control / Personal Protection

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

Hand Protection:	Chemical Resistant Gloves
Eye Protection:	Chemical Goggles or Glasses with Side Shields
Skin Protection:	Protective Clothing
Respiratory Protection:	The use of a NIOSH approved respirator protection may be needed if working in a poor ventilated area.

### Engineering Measures/Controls:

Ventilation:	Ensure adequate ventilation, especially in confined area.
--------------	---

Other Measures:	Eye wash and safety shower in work area. Employees should wash their hands before eating or drinking.
-----------------	--

---

## IX. Physical and Chemical Properties

<b>Form and Appearance @ 25°C</b>	White Crystals	<b>Odor</b>	Mild
<b>pH, 1% in water</b>	7.5-8.5	<b>Odor Threshold</b>	ND
<b>Boiling Point</b>	NA	<b>Melting Point/Freezing Point</b>	160°F
<b>Vapor Pressure</b>	ND	<b>Vapor Density (Air=1)</b>	ND
<b>Flash Point</b>	NA	<b>Evaporation Rate (H<sub>2</sub>O=1)</b>	1
<b>UEL</b>	NA	<b>LEL</b>	NA
<b>Viscosity #5 @ 25° C</b>	NA	<b>Solubility in Water</b>	Soluble
<b>Octanol/Water Partition Coefficient</b>	NA	<b>Specific Gravity/ Bulk Density</b>	1.15-1.20
<b>Auto Ignition Temperature</b>	NA	<b>Decomposition Temperature</b>	ND
<b>% VOC</b>	None		
<b>% Solids @ 105° C</b>	99.0		

---

## X. Stability and Reactivity

<b>STABILITY:</b>	Stable
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>INCOMPATIBILITIES:</b>	Incompatible with strong cationics
<b>DECOMPOSITION PRODUCTS:</b>	CO, CO <sub>2</sub> , sulfur oxides, metal oxides
<b>INSTABILITY CONDITIONS:</b>	Stable at normal temperature and storage conditions. Avoid temperatures above 200° F.

---

## XI. Toxicological Information

## Acute Data;

Routes of Exposure: Eye contact, skin contact, ingestion, inhalation (mist, vapors).  
 Eye Contact: Causes serious eye irritation  
 Skin Contact: Causes skin irritation  
 Ingestion: Harmful if swallowed  
 Inhalation: No adverse effects are expected  
 Skin Sensitization: ND

## Acute Toxicity/Effects:

Test	Test Type	Species	Results	Comments
<b>Oral Toxicity</b>	LD50	Rat	>1,800 mg/kg	
<b>Dermal Toxicity</b>	LD50	Rat	>2,000 mg	
<b>Inhalation Toxicity</b>			ND	
<b>Eye Irritation</b>				Causes serious eye irritation

## Chronic Data:

	IARC	NA	NTP	ND	ACGIH	ND	OSHA	ND
<b>Carcinogenicity</b>								
<b>Mutagenicity</b>		NDA		ND		ND		ND
<b>Reproductive Effects</b>		NA		ND		ND		ND
<b>Target Organ Effects</b>		NA		ND		ND		ND

**XII. Ecological Information**

## Ecotoxicity/Effects:

Test	Test Type	Species	Results	Comments
<b>Acute Toxicity to Fish</b>	LC50	Fathead minnow	29 mg/l, 96 hrs	
<b>Acute Toxicity to Aquatic Invertebrates</b>	EC50	Algae	>120 mg/l, 72 hrs	
<b>Acute Toxicity to Aquatic Plants</b>			ND	
<b>Chronic toxicity to Fish</b>	NOEC	Fish	>1.357 mg/l, 42 days	

## Environmental Fate:

Persistence/Degradability: Readily biodegradable  
 COD/BOD5: ND  
 Bioaccumulation Potential: Not expected to bio-accumulate in environment  
 Mobility in Soil: ND  
 Other Adverse Effects: No other adverse environmental effects are expected

**XIII. Disposal Considerations**

Product: Dispose of absorbed material/content and/or container in accordance with local, state, federal and/or international regulations.  
 Packaging: Drum re-conditioner or in accordance to local, state and/or federal regulations.

**XIV. Transport Information**

US DOT Regulations (Land Transport)

Proper Shipping Name: Not regulated

IATA/ICAO Regulations (Air Transport)

Proper Shipping Name: Not regulated

IMDG/IMO Regulations (Maritime Transport)

Proper Shipping Name: Not regulated

## XV. Regulatory Information

**EPA/TCSA Compliance status: All Components Listed**

### INTERNATIONAL INVENTORIES

	<i>Yes</i>	<i>No</i>	<i>Unknown</i>
U.S. (TSCA)	X		
Canadian (DSL)	X		
Australian (AICS)	X		
European (EINECS)	X		
Japanese (MITI)	X		
Korean (ECL)	X		
Philippines (PICCS)	X		
China	X		

Contents of this SDS comply with the OSHA standard 29 CFR 1910.1200/Hazcom 2012.

#### Domestic Regulations:

TSCA Status: All the components in this material are listed on or exempt from the TSCA inventory.

SARA Title 302 (Extremely Hazardous Substances) TPQ – None

SARA Title 304 (Extremely Hazardous Substances) RQ – None

CERCLA Hazardous Substances (RQ) None

SARA 311/312 Hazard Acute  Chronic  Fire  Pressure  Reactive

SARA 313 This product does not contain any chemicals, which are subject to Section 313 of Title III, Part 372

Clean Air Act Section 112 (TQ): TQ – Not listed.

#### State Information:

California Proposition 65: None of the composition are listed on the California Proposition 65 list.

#### State Right to Know/ Hazardous Substance List Information:

None of the raw material in this product are known to be on any state right to know list.

**XVI Additional Information****Key to Abbreviations:****NDA- No data available ND- Not Determined NA-Not Applicable NE- Not Established****Disclaimer**

This safety data sheet was prepared solely for the purpose of providing employees with information regarding potential hazards presented by listed substance(s). It was prepared in the context of reasonable foreseeable exposure situations, which may arise give the nature and the expected use of the product. The substance(s) may present greater or lesser hazard under other circumstances. The data and recommendations presented herein are based upon our research and the research of others but Chem-Tex Laboratories, Inc. makes no warranty of any kind expressed or implied, except that the product supplied will be of standard quality of Chem-Tex Laboratories, Inc and the user assumes all risk and liability resulting from reliance of the information contained on this Safety Data Sheet and the use of the product, whether used singularly or in combination with other substances. This disclaimer does not; however apply to an independent, statutory or contractual obligations, which may otherwise exist between Chem-Tex Laboratories, Inc and any other person.

**SAFETY DATA SHEET**

Global Harmonized System of Classification and Labeling of Chemicals Format

**XVI. CHEMICAL PRODUCT & COMPANY IDENTIFICATION**

PRODUCT NAME: Dry Pack Part (B) Cleansing Agent Surfactant (Gem Sparkle)  
 PRODUCT TYPE: Cleaner/Dye Solubilizer  
 CHEMICAL NAME: Cleaning Agent

**Manufacturer / Supplier Information**

SDS Prepared by: Chemtex Laboratories, Inc.  
 PO Box 5228  
 Concord, NC 28027

Emergency Phone Number (24 hours/day)  
 Chemtrec 800-424-9300

Prepared for: SPEEDBRITE INC.  
 1810 W. Innes St. Salisbury, NC 28144

1-800-438-2310  
 Email: info@speedbrite.com

For additional health, safety or regulatory information, call (800) 532-5361 during business hours.

**Prepared:** 10/18/2012  
**SDS Updated:** 06/16/2024

**XVII. Hazard Identification****Occupational Health & Safety Components**

Hazardous Ingredients	CAS#	Percentage	LD <sub>50</sub> Oral (Mg/kg)	LC <sub>50</sub> (ppm/hr)	Sara Title III
				-	
Glycol Ether Broad Class		100.0	5,130	13,000	Yes

GHS Classification: Acute Toxicity, Oral –Category 4 Skin Corrosion/Irritation - Category 2  
 Eye Damage/Irritation, Category 2A  
 Acute Toxicity, Environment – Not Classified

HMIS: Health = 2

Fire = 1

Reactivity = 0

PPE = B

Signal Word: **Warning**

Health Hazards:

H302: Harmful if swallowed  
 H313: May be harmful in contact with skin  
 H320: Causes eye irritation

Precautionary Statements:

P264: Wash...Thoroughly after handling.  
 P273: Avoid release to the environment  
 P280: Wear protective gloves/protective clothing/eye protection  
 P302 + P352: IF ON SKIN: Wash with plenty of soap and water.  
 P305 + P338 + P351 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. Immediately call a poison center/doctor.  
 P332 +P313: If skin irritation occurs: Get medical advice/attention.  
 P362+P364: Take off contaminated clothing and wash it before reuse.  
 P361: Collect spillage  
 P501: Dispose of contents/container to an approved waste disposal plant.



Irritant

**XVIII. COMPOSITION/ INFORMATION ON INGREDIENTS**

Ingredients	CAS#	Percentage	OSHA-PEL	ACGIH-TLV
Non-hazardous components are proprietary				

**XIX. First Aid Measures**

EYES: P305 + P351 + P338 + P310: IF IN EYES: Rinse continuously with water for several (15) minutes. Remove contact lens if present and easy to do. Continue rinsing. Get medical attention immediately.

SKIN: P303 + P313+ P332+P352: IF ON SKIN (OR HAIR): Get medical advice/attention if skin irritation occurs. Wash with plenty of soap and water. Flush with a continuous flow of lukewarm water for 20 minutes or until material is removed. Remove contaminated clothing and shoes without delay. Do not reuse contaminated clothing without laundering. Destroy or thoroughly clean shoes before reuse.

INHALATION: P304 + P340 + P314: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing .Get Medical advice/attention if you feel unwell. Only induce vomiting at the instruction of a physician.

INGESTION: P301 + P330 + P331: IF SWALLOWED: Rinse mouth.  
 P312: Call a POISON CENTER or doctor/physician if you feel unwell.  
 Give 3-4 glasses of water, but DO NOT induce vomiting. If vomiting occurs, give fluids again. Get medical attention to determine whether vomiting or evacuation of stomach is necessary. Do not give anything by mouth to an unconscious or convulsing person.

---

**XX. Fire Fighting Measures**

FLASH POINT:	>200° F
FLAMMABILITY CLASSIFICATION:	Not rated
FIRE AND EXPLOSION HAZARDS:	No unusual fire and explosion hazards noted.
EXTINGUISHING MEDIA:	Water spray, carbon dioxide or dry chemical
SPECIAL FIRE FIGHTING INSTRUCTIONS:	Do not use solid water jet as it may scatter and spread fire. Move containers from fire area if you can do so without risk. Full protective clothing, including self-contained breathing apparatus, coat, pants, gloves, boots and bands around legs, arms and waist, should be worn.

---

**XXI. Accidental Release Measures**

PERSONAL PRECAUTIONS:	P262: Do not get in eyes, on skin, or on clothing. P264: Wash thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection.
ENVIRONMENTAL PRECAUTIONS:	P273: Avoid release to the environment. Limit leakage with binder (sand, earth or vermiculite). Do not discharge into drains/surface water/groundwater.
METHODS FOR CONTAINMENT /CLEANUP:	Dike Spill and re-containerize. Use appropriate absorbent (sand, earth or vermiculite, etc.). Dispose material in accordance with local, state and federal regulations. Product may cause a slip hazard. Clean surface thoroughly to remove residual contamination.

---

**XXII. Handling and Storage**

HANDLING:	P262: Do not get into eyes, on skin or on clothing. P264: Wash thoroughly after handling. P280: Wear protective gloves/protective clothing/eye protection/face protection. P273: Avoid release to the environment.
STORAGE:	P404 + P420: Store in a closed container. Store away from other materials.
SPECIAL PACKAGING REQUIREMENTS:	Store in original tightly closed container away from heat and sunlight.
INCOMPATIBLE MATERIALS:	Strong alkalis and acids

---

**XXIII. Exposure Control / Personal Protection**

PERSONAL PROTECTIVE EQUIPMENT (PPE):	
Hand Protection:	Chemical Resistant Gloves
Eye Protection:	Chemical Goggles or Glasses with Side Shields and face shield.
Skin Protection:	Protective Clothing. Wear appropriate thermal protective clothing when necessary.
Respiratory Protection:	The use of a NIOSH approved respirator protection may be needed if working in a poor ventilated area.
Engineering Measures/Controls:	
Ventilation:	Ensure adequate ventilation, especially in confined area.
Other Measures:	Eye wash and safety shower in work area. Employees should wash their hands before eating or drinking.

---



**XXIV. Physical and Chemical Properties**

<b>Form and Appearance</b>	Clear colorless liquid	<b>Odor</b>	Glycolic
<b>pH (10%)</b>	neutral	<b>Odor Threshold</b>	ND
<b>Boiling Point</b>	94° C (200°F)	<b>Melting Point/Freezing Point</b>	- 84 C (- 120 F )
<b>Vapor Pressure</b>	ND	<b>Vapor Density (Air=1)</b>	ND
<b>Flash Point</b>	>200 °F	<b>Evaporation Rate (H2O=1)</b>	1
<b>UEL</b>	ND	<b>LEL</b>	ND
<b>Viscosity #5 @20 rpms</b>	<100	<b>Solubility in Water</b>	Complete
<b>Octanol/Water</b>		<b>Specific Gravity/</b>	1.2 / 8.51
<b>Partition Coefficient</b>	ND	<b>Bulk Density</b>	
<b>Auto Ignition Temperature</b>	ND	<b>Decomposition Temperature</b>	ND
<b>% VOC</b>	100.0	<b>% Solids (KF)</b>	100.0 %

**XXV. Stability and Reactivity**

<b>STABILITY:</b>	Stable under normal conditions.
<b>HAZARDOUS POLYMERIZATION:</b>	Will not occur
<b>INCOMPATIBILITIES:</b>	Incompatible with strong oxidants and strong bases
<b>DECOMPOSITION PRODUCTS:</b>	CO, CO <sub>2</sub> , sulfur oxides and metal oxides
<b>INSTABILITY CONDITIONS:</b>	Stable at normal temperature and storage conditions.

**XXVI. Toxicological Information**

## Acute Data;

<b>Routes of Exposure:</b>	Eye contact, skin contact, ingestion, inhalation (mist, vapors).
<b>Eye Contact:</b>	Rabbit: Causes eye irritation
<b>Skin Contact:</b>	Causes slight skin irritation.
<b>Ingestion:</b>	Expected to be a low ingestion hazard
<b>Inhalation:</b>	May be irritating above 1,000 ppm
<b>Skin Sensitization:</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result.

Acute Toxicity/Effects: Glycol Ether

<b>Test</b>	<b>Test Type</b>	<b>Species</b>	<b>Results</b>	<b>Comments</b>
<b>Oral Toxicity</b>	LD50	Rat	5,130	
<b>Dermal Toxicity</b>	LD50	Rabbit	>13,000	
<b>Inhalation Toxicity</b>	LC50	Rat	>500 ppm	No mortality
<b>Eye Irritation</b>		Rabbit		Risk of serious eye damage

## Chronic Data:

<b>Carcinogenicity</b>	<b>IARC</b>	<b>NA</b>	<b>NTP</b>	<b>NA</b>	<b>ACGIH</b>	<b>NA</b>	<b>OSHA</b>	<b>NA</b>
<b>Mutagenicity</b>		NDA		NDA		ND		ND
<b>Reproductive Effects</b>		NA		NA		NA		NA
<b>Target Organ Effects</b>		NDA		NDA		ND		ND

**XXVII. Ecological Information**

Ecotoxicity/Effects: Glycol Ether

<b>Test</b>	<b>Test Type</b>	<b>Species</b>	<b>Results</b>	<b>Comments</b>
<b>Acute Toxicity to Fish</b>	LC50	Pimephales promelas	10,000 mg/l (96 hrs)	
<b>Acute Toxicity to Aquatic Invertebrates</b>	EC50	Daphnia magna	1,920 mg/l (48 hrs)	
<b>Acute Toxicity to Aquatic Plants</b>			NDA	

<b>Chronic toxicity to Fish</b>			NDA	
---------------------------------	--	--	-----	--

**Environmental Fate:**

Persistence/Degradability:	Product is readily biodegradable
COD/BOD5:	93% in 13 days in activated sludge
Bioaccumulation Potential: terrestrial organisms	Product highly water soluble and not a bioaccumulator in aquatic or
Mobility in Soil:	Water soluble, moves readily in soil and water
Other Adverse Effects:	Not known

**XXVIII. Disposal Considerations**

Product:	Dispose of absorbed material/content and/or container in accordance with local, state, federal and/or international regulations.
Packaging:	Drum re-conditioner or in accordance to local, state and/or federal regulations.

**XXIX. Transport Information**

## US DOT Regulations (Land Transport)

Proper Shipping Name: Not regulated/Not applicable

## IATA/ICAO Regulations (Air Transport)

Proper Shipping Name: Not regulated/Not applicable

## IMDG/IMO Regulations (Maritime Transport)

Proper Shipping Name: Not regulated/Not applicable

**XXX. Regulatory Information**

**EPA/TCSA Compliance status: All Components Listed**

**INTERNATIONAL INVENTORIES**

	<i>Yes</i>	<i>No</i>	<i>Unknown</i>
U.S. (TSCA)	X		
Canadian (DSL)	X		
Australian (AICS)	X		
European (EINECS)	X		
Japanese (MITI)	X		
Korean (ECL)	X		
Philippines (PICCS)	X		
China	X		

**USA Federal Regulations**

Contents of this SDS comply with the OSHA standard 29 CFR 1910.1200/Hazcom 2012.

## Domestic Regulations:

TSCA Status: All the components in this material are listed on or exempt from the TSCA inventory.

SARA Title 302 (Extremely Hazardous Substances) None  
 SARA Title 304 (Extremely Hazardous Substances) None  
 CERCLA Hazardous Substances (RQ) None  
 SARA 311/312 Hazard SARA 313 Acute  Chronic  Fire  Pressure  Reactive   
 This product does not contain any chemicals, which are subject to Section 313 of Title III, Part 372  
 Clean Air Act Section 112 (TQ):TQ – Not listed.

State Information:  
 California Proposition 65: None of the composition are listed on the California Proposition 65 list.

State Right to Know/  
 Hazardous Substance List  
 Information: None of the raw material in this product are known to be on any state right to know list.

### **Harmonized Tariff Code:**

US: 3402.11.50.50  
 China: 3402110000

## **XVI.**

### **Key to Abbreviations:**

**NDA- No data available ND- Not Determined NA-Not Applicable NE- Not Established**

### **Disclaimer**

This safety data sheet was prepared solely for the purpose of providing employees with information regarding potential hazards presented by listed substance(s). It was prepared in the context of reasonable foreseeable exposure situations, which may arise give the nature and the expected use of the product. The substance(s) may present greater or lesser hazard under other circumstances. The data and recommendations presented herein are based upon our research and the research of others but Chemtex Laboratories, Inc. makes no warranty of any kind expressed or implied, except that the product supplied will be of standard quality of Chemtex Laboratories, Inc. and the user assumes all risk and liability resulting from reliance of the information contained on this Safety Data Sheet and the use of the product, whether used singularly or in combination with other substances. This disclaimer does not; however apply to an independent, statutory or contractual obligations, which may otherwise exist between Chemtex Laboratories, Inc. and any other person.