



# SAFETY DATA SHEET

SDS REVISION DATE: August 3, 2015

**Product ID: GMS2507JR / GMS2507TB**

GMS Industrial Supply, Inc.  
212 Denn Lane, Virginia Beach, VA. 23462  
2520 Hoover Ave. Suite A, National City, CA. 91950  
(855) GRN-OGER

24 Hour Emergency Telephone: (800) 424-9300 CHEMTREC

## SECTION 1: Identification

### 1.1 Product identifier

Product name Ship Shape! Cannonballs Germ Crusher GMS2507JR / GMS2507TB

### 1.4 Supplier's details

Name GMS Industrial Supply Inc.  
Address 212 Denn Lane  
Virginia Beach, VA. 23462  
  
Telephone 757-473-1467

1.5 Emergency phone number(s) Chemtrec 800.424.9300

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## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

- Acute toxicity, oral (chapter 3.1), Cat. 4
- Skin corrosion/irritation (chapter 3.2), Cat. 1B
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2

### 2.2 GHS label elements, including precautionary statements

#### Pictogram



#### Signal word

**Danger**

#### Hazard statement(s)

H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage  
H315 Causes skin irritation  
H319 Causes serious eye irritation

#### Precautionary statement(s)

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.  
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P302+P352 IF ON SKIN: Wash with plenty of water.

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P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/national regulations

### 2.3 Other hazards which do not result in classification

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. NP-40 alternative

Concentration	< 30 %
Other names / synonyms	Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-
CAS no.	9016-45-9

##### 2. Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

Concentration	< 25 %
Other names / synonyms	Alkyl(C12-16)dimethylbenzylammonium chloride;
CAS no.	68424-85-1

- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage

##### 3. 1-Decanaminium, N,N-dimethyl-N-octyl-, chloride (1:1)

Concentration	< 20 %
CAS no.	32426-11-2

##### 4. Hexylene glycol

Concentration	< 15 %
Other names / synonyms	2-METHYLPENTANE-2,4-DIOL; 2,4-Pentanediol, 2-methyl-;
EC no.	203-489-0
CAS no.	107-41-5
Index no.	603-053-00-3

- Eye damage/irritation (chapter 3.3), Cat. 2

- Skin corrosion/irritation (chapter 3.2), Cat. 2

H315	Causes skin irritation
H319	Causes serious eye irritation

**5. Didecyldimethylammonium chloride**

Concentration < 8 %

Other names / synonyms 1-Decanaminium, N-decyl-N,N-dimethyl-, chloride; 1-Decanaminium, N-decyl-N,N-dimethyl-, chloride (1:1); Aliquat 203;

EC no. 230-525-2

CAS no. 7173-51-5

Index no. 612-131-00-6

- Acute toxicity (chapter 3.1), Cat. 4

- Skin corrosion/irritation (chapter 3.2), Cat. 1B

H302 Harmful if swallowed

H314 Causes severe skin burns and eye damage

**6. 1-Octanaminium, N,N-dimethyl-N-octyl-, chloride (1:1)**

Concentration < 8 %

CAS no. 5538-94-3

**7. ETHANOL**

Concentration < 7 %

Other names / synonyms ABSOLUTE ETHANOL; ALCOHOL; ALCOHOL DEHYDRATED; ALCOHOL, ANHYDROUS; ALGRAIN; ANHYDROL; COLOGNE SPIRIT; COLOGNE SPIRITS (ALCOHOL); ETHANOL 200 PROOF; ETHANOL SOLUTION; ETHYL ALCOHOL; ETHYL ALCOHOL ANHYDROUS; ETHYL HYDRATE; ETHYL HYDROXIDE; etoh; FERMENTATION ALCOHOL; GRAIN ALCOHOL; JAYSOL; JAYSOL S; METHYLCARBINOL; MOLASSES ALCOHOL; NCI-C03134; POTATO ALCOHOL; SD ALCOHOL 23-HYDROGEN; SPIRIT; SPIRITS OF WINE; TECSOL; UN 1170

EC no. 200-578-6

CAS no. 64-17-5

Index no. 603-002-00-5

- Flammable liquids (chapter 2.6), Cat. 2

H225 Highly flammable liquid and vapor

**8. Pyla-cert Grass Green Mx-3 (Dye)**

Concentration Not specified

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## **SECTION 4: First-aid measures**

### **4.1 Description of necessary first-aid measures**

General advice If immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

If inhaled Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention immediately. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen. Delayed pulmonary edema may occur. Get medical attention immediately if symptoms occur.

In case of skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Seek immediate medical attention/advice.
In case of eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.
If swallowed	Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.
Personal protective equipment for first-aid responders	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

**4.2 Most important symptoms/effects, acute and delayed**

Burning sensation. Coughing and/ or wheezing.

**4.3 Indication of immediate medical attention and special treatment needed, if necessary**

Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure.

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**SECTION 5: Fire-fighting measures**

**5.1 Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**5.2 Specific hazards arising from the chemical**

CAUTION: Use of water spray when fighting fire may be inefficient.

**5.3 Special protective actions for fire-fighters**

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors.

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**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

**6.2 Environmental precautions**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Should not be released into the environment. Do not allow to enter into soil/subsoil. Prevent product from entering drains.

**6.3 Methods and materials for containment and cleaning up**

Prevent further leakage or spillage if safe to do so. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Use only with adequate ventilation and in closed systems. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

### **7.2 Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials.

Incompatible Products: Acids. Bases. Oxidizing agent.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

#### **1. Ethyl alcohol (Ethanol) (CAS: 64-17-5)**

PEL (Inhalation): 1000 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### **2. Ethyl alcohol (Ethanol) (CAS: 64-17-5)**

PEL (Inhalation): 1900 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### **3. Ethyl alcohol (Ethanol) (CAS: 64-17-5)**

PEL (Inhalation): 1000 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### **4. Ethyl alcohol (Ethanol) (CAS: 64-17-5)**

REL (Inhalation): 1000 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

### **8.2 Appropriate engineering controls**

Showers

Eyewash stations

Ventilation systems

### **8.3 Individual protection measures, such as personal protective equipment (PPE)**

#### **Eye/face protection**

Face protection shield.

#### **Skin protection**

Wear protective gloves and protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves.

#### **Body protection**

Wear protective clothing. Long sleeved clothing. Chemical resistant apron. Impervious gloves.

#### **Respiratory protection**

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

## **SECTION 9: Physical and chemical properties**

### **Information on basic physical and chemical properties**

Appearance/form	Clear Green
Odor	No Fragrance
Odor threshold	No Data Available
pH	7.5
Melting point/freezing point	No Data Available
Initial boiling point and boiling range	No Data Available
Flash point	No Data Available
Evaporation rate	No Data Available
Flammability (solid, gas)	No Data Available
Upper/lower flammability limits	No Data Available
Upper/lower explosive limits	No Data AvailableNo Data Available
Vapor pressure	No Data Available
Vapor density	No Data Available
Relative density	No Data Available
Solubility(ies)	Soluble in Water
Partition coefficient: n-octanol/water	No Data Available
Auto-ignition temperature	No Data Available
Decomposition temperature	No Data Available
Viscosity	No Data Available
Explosive properties	No Data Available
Oxidizing properties	No Data Available

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No Data Available

### **10.2 Chemical stability**

Stable under recommended storage conditions.

### **10.3 Possibility of hazardous reactions**

None under normal use conditions.

### **10.4 Conditions to avoid**

Avoid storing in direct sunlight and avoid extremes of temperature. Exposure to moisture.

### **10.5 Incompatible materials**

Acids. Bases. Oxidizing agent.

### **10.6 Hazardous decomposition products**

Carbon oxides.

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## **SECTION 11: Toxicological information**

### **Information on toxicological effects**

#### **Acute toxicity**

ETHANOL

LD50 Oral - Rat - 7060 mg/kg

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides

LD50 Oral - Rat - 426mg/kg

Didecyldimethylammonium chloride

LD50 Oral - Rat - 84mg/kg

Result: BEHAVIORAL: SOMNOLENCE (GENERAL DEPRESSED ACTIVITY)

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### Germ cell mutagenicity

No data available

### Carcinogenicity

No data available

### Reproductive toxicity

No data available

### Summary of evaluation of the CMR properties

No data available

### STOT-single exposure

No data available

### STOT-repeated exposure

No data available

### Aspiration hazard

No data available

### Additional information

No data available

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## SECTION 12: Ecological information

### Toxicity

Toxic to aquatic life with long lasting effects.

### Persistence and degradability

No information available.

### Bioaccumulative potential

No information available.

### Mobility in soil

No information available.

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## SECTION 13: Disposal considerations

### Disposal of the product

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

### Disposal of contaminated packaging

Dispose of contents/containers in accordance with local regulations.

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## SECTION 14: Transport information

### DOT (US)

Not dangerous goods

### IMDG

Not dangerous goods

### IATA

Not dangerous goods

## **SECTION 15: Regulatory information**

### **15.1 Safety, health and environmental regulations specific for the product in question**

#### **New Jersey Right To Know Components**

Common name: HEXYLENE GLYCOL

CAS number: 107-41-5

#### **Pennsylvania Right To Know Components**

Chemical name: 2,4-Pentanediol, 2-methyl-

CAS number: 107-41-5

#### **New Jersey Right To Know Components**

Common name: ETHYL ALCOHOL

CAS number: 64-17-5

#### **Pennsylvania Right To Know Components**

Chemical name: Ethanol

CAS number: 64-17-5

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## **SECTION 16: Other information**

### **Prepared by: Technical Department**

*This information is based on our current knowledge and is intended to describe the product for the purpose of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendees or users assume all risks associated with the use of this material.*

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